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Sept. 1989

MEETING AGENDA
ENVIRONMENTAL PROTECTION COMMISSION
WALLACE STATE OFFICE BUILDING
September 18-19, 1989

Meeting convenes at 10:00 a.m., September 18, 1989 in the fourth floor conference room and reconvenes on September 19, 8:30 a.m.

Public Participation	3:00 p.m.
Break	3:15 p.m.
<u>Gwen Wesley + Marty Strauss (#6)</u>	
<u>Appointments: Monsanto</u>	
<u>Gene Parkin</u>	
<u>Dr. Peter Isacson (#14)</u>	4:00 p.m.
Dennis Keeney (#15)	4:15 p.m.

Meeting reconvenes 8:30 a.m., September 19, 1989

Appointments:

Representative Jack Hatch	8:30 a.m.
Stickle Enterprises, Ltd. (A.G. Referral)	9:30 a.m.
Gordon Sevig (A.G. Referral)	10:15 a.m.
Albert Schultz (A.G. Referral)	10:45 a.m.

1. Approve Agenda
2. Approve Minutes of July 17-18, 1989 and August 21-22, 1989.
3. Director's Report. (Wilson) Informational.
4. Orientation. Informational.
5. Budget Request FY 91 and FY 92. (Kuhn) Decision.
6. Groundwater Cleanup Guidelines Workplan. (Combs) Decision.
7. 1990 Legislation Package. (Combs) Decision.
8. Monthly Reports. (Stokes) Informational.
9. Final Rule--Chapter 91, Criteria for Award of Grants. (Stokes) Decision.
10. Approval of FY 90 Construction Grant Priority List. (Stokes) Decision.
11. Proposed Rule--Chapter 39 Revisions, Requirements for Properly Plugging Abandoned Wells. (Stokes) Informational.
12. Update in Air Quality Rules. (Stokes) Informational.

13. Proposed Amendments to Solid Waste Rules on Farmer Exemptions. (Stokes) Informational.
14. ~~Dr. Peter Isaeson~~ ^{Gene Parkin} - CHEEC, Budget Discussion. Informational.
15. Dennis Keeney - Leopold Center, Budget Discussion. Informational.
16. Representative Jack Hatch.
17. Referrals To The Attorney General. (Combs) Decision
 - (a) Lehigh Clay Products, et al. (Lehigh)
 - (b) Stickle Enterprises, Ltd., et al. (Cedar Rapids)
 - (c) Gordon Sevig (Walford)
 - (d) Land O' Lakes, Inc. (Ellsworth)
 - (e) Milo Chalfant, et al. (Webster City)
 - (f) City of Graf
 - (g) Bell Watchers, Inc. (Vinton)
 - (h) Albert Schultz/Iowa Iron Works, Inc. (Ely)
18. General Discussion Items.
19. Address Items for Next Meeting.

NEXT MEETING DATES

October 16-17, 1989
November 20-21, 1989
December 11-12, 1989

ENVIRONMENTAL PROTECTION COMMISSION

Monday, September 18, 1989

NAME COMPANY OR AGENCY CITY

(please print)

Teri Dean	Personal	Carlisle, IA
CAROL ROSE	D.M. Register	D.M.
JEFF Robinson	LFB	DSM, IA
Theresa Kline	Sin Demo Quercus	—
Frank Weaver	Iowa Power	DSM
Cheryl Darr	Personal	Carlisle, Ia
Jane McAllister	Ahlers Law Firm	DSM
TED YANELEK	FARM BUREAU	WDSM
JACK SOENER	IA ASSOC. BUS. & IND	D.M.
Ken Balvanz	Hardin Co Sup	Hubbard
W.M. STRAUSS	MONSANTS	ST. LOUIS
DAN VEST	GROWMARK, INC	BLOOMINGTON, IL
Keith Luchtel	Atty - Monsanto	Des Moines
Burn Wesley	Monsanto	SP Jain
Robert Andersen	Dance Sporkness Fed	Des Moines
Hennie Keeney	Leopold Center	ISU Ames
DAN FRIEBERG	IFC	DSM

ENVIRONMENTAL PROTECTION COMMISSION

Tuesday, September 19, 1989

NAME

COMPANY OR AGENCY

CITY

(please print)

DAN VEST	GROWMARK, INC	Bloomington, IL
Maynard Jayne	Iowa Cattlemen	Ames Ia
Carol Rose	Dm Register	On
Teri Dean	Personal	Carlisle, IA
JACK SOENER	ABI	D.M
Theresa Kuhn	Sen Denis Cavanaugh	DSM
Jeff Robinson	Fiscal Bureau	DSM
JANE McALLISTER	AHLERS LAW FIRM	DSM
Mark Tmesdell	Bering, Swanson + Forest	D.M.
Kewin Shea	Shea Law Offices, (for Albert Scholtz)	CR
Beth Evans	for Albert Scholtz	CR
John Wesley	Monsanto Ag Co.	St. Louis, Mo
Frank Weaver	Iowa Power	On

RECORD COPY *EPC Meeting*
File Name *ADM-1-1-1* *Sept. 1989*
Senders Initials *JS.*

Minutes of the Environmental Protection Commission Meeting

September 18-19, 1989

Wallace State Office Building, Des Moines, Iowa

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SEPTEMBER 1989 COMMISSION MEETING

The meeting of the Environmental Protection Commission was held in the Wallace State Office Building, Des Moines, Iowa, convening at 10:00 A.M. on September 18, 1989.

MEMBERS PRESENT

Mike Earley, William Ehm, Rozanne King, Charlotte Mohr, Margaret Prah1, Gary Priebe, Nancylee Siebenmann, Clark Yeager (September 18).

MEMBERS ABSENT

Richard Hartsuck, Clark Yeager (September 19)

ADOPTION OF AGENDA

The following appointments were added to the agenda:

Gwen Wesley and Dr. Marty Strauss to address Item #6
Albert Schultz (A.G. Referral) at 10:45 a.m., September 19
Gene Parkin will speak for Dr. Peter Isacson on Item #14

Motion was made by Margaret Prah1 to approve the agenda as amended. Seconded by Gary Priebe. Motion carried unanimously.

ADOPTION OF MINUTES

It was noted that a correction should be made to show Nancylee Siebenmann present at the July 17-18, 1989 meeting.

Motion was made by Margaret Prah1 to approve the minutes of July 17-18, 1989 as amended. Seconded by Gary Priebe. Motion carried unanimously.

Motion was made by Rozanne King to approve the minutes of August 21-22, 1989 as presented. Seconded by Gary Preibe. Motion carried unanimously.

DIRECTOR'S REPORT

Director Wilson reported that the September issue of the Iowa Conservationist was printed on recycled paper. In a future issue, the entire magazine will be devoted to Earth Day types of activities. One of the most informative and important articles in this month's issue was the one entitled "Vanguard for Change", by Ross Harrison. It is a good description of recycling. Mr. Wilson stated that the important thing about printing on recycled paper is that it illustrates that a good quality presentation can be done on slick recycled paper for magazine publications.

Mr. Wilson distributed a DNR folder which was produced on recycled paper and commented that it is a heavier card stock type paper with a rough finish.

Mr. Wilson noted that he will attend Capitol for a Day events during the week of October 9 - 13, 1989. This is a program where the Governor will go to various towns to visit with local people. Several department heads accompany the governor on these trips and meet with appropriate interest groups. The schedule is as follows: October 9 - Carroll; October 10 - Estherville; October 11 - West Union; October 12 - Keokuk; and October 13 - Mt. Ayr. He related that the Commissioners are welcome to attend and participate in the meetings with him.

Mr. Wilson reported that an ad hoc committee has been formed to study the rules for control of toxic air emissions. This committee was formed as requested by the Commission at last month's meeting. He read the names of the ten groups to serve on the committee along with Commissioners Siebenmann and Hartsuck.

A copy of the REAP Newsletter and a copy of a publication entitled "Agriculture at Risk - A Report to the Nation" was distributed, and Director Wilson noted that he would appreciate any comments the Commissioners may have about these issues.

Mr. Wilson stated that a committee is being formed to develop an "Environmental Agenda for the 1990's." The purpose of the committee is to provide the governor with a list of fifteen issues which the public in the state want addressed during the upcoming decade.

Discussion followed regarding the possibility of changing the Emergency Spill Response phone number to a toll-free (800) phone number. Stan Kuhn will check on the cost to implement same.

ORIENTATION

Stan Kuhn, Division Administrator, Administrative Services Division reviewed the budget process and discussed earmarked money and accounting requirements to the appropriate agency for these monies. He stated that the Department of Management views the current budget process as needing some changes. Also discussed were department and division priorities and how those priorities are determined.

Allan Stokes, Division Administrator, Environmental Protection Division distributed a Division Guidance Package to the Commission. He gave an overview of his division which included a mission statement, philosophies, priorities, guidance and goals. Mr. Stokes displayed an overhead picture showing the Table of Organization for the Environmental Protection Division and he provided the names of each bureau chief and each section superintendent. Mr. Stokes also explained the enforcement process used by his division and how they work in conjunction with the Legal Services Bureau of the Coordination & Information Division.

Teresa Hay, Division Administrator, Waste Management Authority Division stated that this division was created in 1987 and currently contains two sections, the Planning Section and the Program and Grants Section. She explained the responsibilities and goals of the division and each section covering the following programs: Waste Reduction and Recycling; Low Level Radioactive Waste Compact; Part I, Comprehensive Plans; Waste Minimization Bill; Capacity Assurance Plan; and the Regional Interstate Agreement. Ms. Hay noted that one of the main programs of the division is the Household Hazardous Materials Program and she expanded on details of the program.

BUDGET REQUEST, FY91 AND FY92 - PRELIMINARY APPROVAL

Stan Kuhn, Division Administrator, Administrative Services Division, presented the following item.

Preliminary approval is requested from the Environmental Protection Commission for the FY91 and the FY92 budget request relating to those divisions and programs under the general purview of the Commission.

Briefly, the budget request supports the continuation of current programs for the Environmental Protection Division and the Waste Management Authority Division. The staff is also recommending major increases in Iowa's protection efforts relating to Air Quality, Water Quality Assessment and Groundwater Monitoring. Additional staffing is also requested for the Waste Management

Authority Division. The staff recommends that the programs funded under the Groundwater accounts be continued as currently authorized by previous General Assembly action.

This budget request recommendation is presented to the Commission, using the same schedules from the budget system as are utilized by the DOM, the Governor's Office and the General Assembly in making budget decisions.

Attached to this item are financial summaries for each division and for each bureau or program within the divisions. Decision packages in priority order are also included.

A four digit numerical code is used to identify each division as follows: (1) 1000, Director's Office; (2) 2000, Coordination and Information Division; (3) 3000, Administrative Services Division; (4) 4000, Parks, Recreation and Preserves Division; (5) 5000, Forests and Forestry Division; (6) 6000, Energy and Geological Resources Division; (7) 7000, Environmental Protection Division; (8) 8000, Fish and Wildlife Division; and (9) 9000, Waste Management Authority Division.

Under State Law, the operations budget for the DNR and for each division is submitted using a 75% Modified Zero-Based Budget approach. Briefly, a "Base" budget is established for each division which cannot be more than 75% of the previous year's approved budget. This "Base" is the highest priority increment in each division.

A series of "Decision Packages," in addition to the base, are prepared for each division. These decision packages are arrayed in a descending priority order. The total of the base and all related decision packages constitute the total budget request for each division. In a similar manner, the total of all bases and all decision packages constitute the operations budget request for the Department.

The primary focus of all budget decision-makers are the decision packages and their relative priority. Items within the base are virtually assured funding. High priority decision packages have a better chance of funding than do lower priority packages. The Environmental Protection Commission has the statutory duty to approve the budget request for the divisions and programs under its purview. The Commission may modify or adjust the request as deemed necessary. This can most readily be accomplished by reviewing the priority order of decision packages at the division level. Decision packages may be added or deleted, or their relative priority changed. Funding and staffing within the base or a package may be adjusted if desired.

The decision packages are also submitted in a Departmental priority ranking. This departmental ranking is determined by the Director. While either Commission may comment on or take a position on the Departmental priority ranking, Commission budget

approval is limited to the divisions and programs under their purview.

Also included for review and information purposes are division budget schedules for the other divisions and a departmental budget summary. The Administrative Services Division and the Coordination and Information Division are funded primarily by an overhead charge to all funding sources. This charge, determined under various Federal Circulars, is a function of total direct program salaries divided by total overhead program costs. In FY89, this percentage was 24.8%. It has been reduced to 21.7% in FY90, and is expected to decrease to approximately 19% in FY91 and FY92.

The Commission is requested to approve the priority decision package schedules and related financial schedules for the Environmental Protection Division and for the Waste Management Authority Division. The Commission is also requested to approve continuation of the Groundwater program as currently authorized by previous General Assembly action for FY91 and FY92. The Commission is also requested to approve a special request for Lottery funding in the amount of \$400,000, similar to that received in FY90, to continue a higher level of funding for Toxic Waste Cleanup days. Please call if clarifications or additional information is needed.

(Budget is shown on the following 56 pages)

Budget Item Attachment Schedule
Budget Presentation, September 1989 Commission Meeting

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NATURAL RESOURCES, DEPARTMENT OF
NATURAL RESOURCES
NATURAL RESOURCES DEPARTMENT OPERATIONS

STATE OF IOWA
DEPARTMENT OF MANAGEMENT
BUDGET WORKSHEETS FOR 1990-1992 BIENNium
RANKING SCHEDULE - ORGANIZATION RECAP

SCHEDULE 1 ORGN RECAP
(RANKING SCHEDULE)
DATE 08/28/89 TIME 23.20.14
PAGE 59

90001542672 7000
ENVIRONMENTAL PROTECTION DIV.

RANK DESCRIPTION

BASE

TOTAL DEPT REQUEST
FY 1990 - 1991

EXPEND/FTE	APPROPRIATION
\$ 7,792,666	GF \$ 1,573,461
(129.55)	OT 673,141

0001 WATER RIGHTS
CONTINUE WATER WITHDRAWAL PERMIT PROG

134,756	GF	134,756
(3.00)		

0002 FLOOD PLAIN
CONTINUE FLOODPLAIN PERMIT PROGRAM

397,707	GF	397,707
(9.00)		

0003 WATER SUPPLY
MAINTAIN FY 90 PERMIT TURNAROUND TIME

84,507	GF	21,127
(2.00)		

0004 AIR QUALITY
IMPLEMENT ON-GOING AIR TOXICS PROGRAM

789,000	GF	789,000
(9.00)		

0005 CONST GRANTS NON-GRANT
ENHANCE DEPT'S ABILITY TO CONDUCT SURFACE
WATER ASSESSMENTS & EVALUATIONS

493,000	GF	493,000
(3.00)		

0006 GROUNDWATER QUALITY PLANNING
ESTABLISH 615 FIXED STATION LONG TERM
GROUNDWATER MONITORING STATIONS

577,000	GF	577,000
(1.00)		

ESTIMATED FY 1989-90

TOTAL	\$ 8,306,040	GF \$ 2,058,170	\$ 3,986,051
(147.50)	OT 662,023	(156.55)	OT 673,141

TOTAL DEPT REQUEST
FY 1991 - 1992

EXPEND/FTE	APPROPRIATION
\$ 7,697,310	GF \$ 1,574,501
(129.55)	OT 568,852

134,950	GF	134,950
(3.00)		

398,153	GF	398,153
(9.00)		

84,733	GF	21,353
(2.00)		

789,000	GF	789,000
(5.00)		

493,000	GF	493,000
(3.00)		

577,000	GF	577,000
(1.00)		

\$ 10,174,146	GF \$ 3,987,957
(152.55)	OT 568,852

NATURAL RESOURCES, DEPARTMENT OF
NATURAL RESOURCES
NATURAL RESOURCES DEPARTMENT OPERATIONS
90001542G72 7000 7100 7152 01
WATER RIGHTS

STATE OF IOWA
DEPARTMENT OF MANAGEMENT
BUDGET WORKSHEETS FOR 1990-1992 BIENNIIUM
DECISION PACKAGE (PART1) - NARRATIVE

SCHEDULE 4 ORGN DETAIL
DECISION PACKAGE (PART1)
DATE 08/29/89 TIME 00.01.30
PAGE 65

DECISION PACKAGE JUSTIFICATION:

Restores the state water use/water rights program which regulated the diversion, storage or withdrawal of water from surface and groundwater sources in this state in excess of 25,000 gallons per day through the issuance of permits and monitoring withdrawals. This would restore 3 FTE and support costs.

If this package is not approved, the diversion, storage and withdrawal of large quantities of water will be uncontrolled which could lead to local and general water shortages, well interference situations, and exacerbate drought conditions.

There is no federal program in this area and no workable alternative to a state program.

I. THE CUMULATIVE FUNDING TOTAL
INCLUDING THIS DECISION PACKAGE
IS LESS THAN CURRENT LEVEL.

II. THIS FUNCTION, OPERATION, OR ACTIVITY
IS CURRENTLY BEING DONE.

III. THE CUMULATIVE SERVICE LEVEL TOTAL
INCLUDING THIS DECISION PACKAGE
IS LESS THAN CURRENT LEVEL.

PRIORITY
DIVISION #1
DEPT. #3

NATURAL RESOURCES, DEPARTMENT OF
NATURAL RESOURCES
NATURAL RESOURCES DEPARTMENT OPERATIONS

90001542672 7000 7100 7140 01
FLOOD PLAIN

STATE OF IOWA
DEPARTMENT OF MANAGEMENT
BUDGET WORKSHEETS FOR 1990-1992 BIENNIIUM
DECISION PACKAGE (PART1) - NARRATIVE

SCHEDULE 4 ORGN DETAIL
DECISION PACKAGE (PART1)
DATE 08/29/89 TIME 00.01.30
PAGE 63

DECISION PACKAGE JUSTIFICATION:

Restore state flood plain/dam safety program which regulates excavation, construction and deposition activities in the flood plains of Iowa's streams and rivers in order to protect citizens and landowners from adverse effects of flooding, erosion, taking or placing of water on property, and to protect the quality and quantity of our natural water resources. This would restore 9 FTE plus support costs.

If this package is not approved, activities in the flood plains of Iowa's streams and rivers will be unregulated. This could result in large-scale destruction of our natural streams and rivers, degradation of water quality, destruction of fish and wildlife habitat, damage to urban and agricultural lands from increased/more frequent flooding and/or erosion, and threats to public safety from the increased probability of flooding or dam failure.

There are no federal programs in this area and no workable alternatives to a state enforcement program.

I. THE CUMULATIVE FUNDING TOTAL
INCLUDING THIS DECISION PACKAGE
IS LESS THAN CURRENT LEVEL.

II. THIS FUNCTION, OPERATION, OR ACTIVITY
IS CURRENTLY BEING DONE.

III. THE CUMULATIVE SERVICE LEVEL TOTAL
INCLUDING THIS DECISION PACKAGE
IS LESS THAN CURRENT LEVEL.

PRIORITY

DIV # 2

DEPT # 10

NATURAL RESOURCES, DEPARTMENT OF
NATURAL RESOURCES
NATURAL RESOURCES DEPARTMENT OPERATIONS
90001542G72 7000 7100 7151
WATER SUPPLY

STATE OF IOWA
DEPARTMENT OF MANAGEMENT
BUDGET WORKSHEETS FOR 1990-1992 BIENNIAL
DECISION PACKAGE (PART I) - NARRATIVE

01

SCHEDULE 4 ORGN DETAIL
DECISION PACKAGE (PART I)
DATE 08/29/89 TIME 00.01.30
PAGE 64

DECISION PACKAGE JUSTIFICATION:

Restore two FTE and associated support costs to the state water supply program which ensures that all public drinking water supplies located and operated in this state provide safe, potable drinking water to their users, through regular, routine monitoring of drinking water quality, and issuance of construction and operation permits.

If this package is not approved, length of time required to review permit application materials (engineering plans/designs, scientific data) and issue permits will increase approximately 50% - i.e., well permits from 15 to 22 days, water supply construction from 45 to 67 days, and water supply operation permits from 45 to 67 - on average. This obviously delays projects.

I. THE CUMULATIVE FUNDING TOTAL
INCLUDING THIS DECISION PACKAGE
IS LESS THAN CURRENT LEVEL.

II. THIS FUNCTION, OPERATION, OR ACTIVITY
IS CURRENTLY BEING DONE.

III. THE CUMULATIVE SERVICE LEVEL TOTAL
INCLUDING THIS DECISION PACKAGE
IS LESS THAN CURRENT LEVEL.

PRIORITY

DIV #3

DEPT #11

NATURAL RESOURCES, DEPARTMENT OF
NATURAL RESOURCES
NATURAL RESOURCES DEPARTMENT OPERATIONS
90001542672 7000 7300 7310 01
AIR QUALITY

STATE OF IOWA
DEPARTMENT OF MANAGEMENT
BUDGET WORKSHEETS FOR 1990-1992 BIENNIAL
DECISION PACKAGE (PART1) - NARRATIVE

SCHEDULE 4 ORGN DETAIL
DECISION PACKAGE (PART1)
DATE 08/29/89 TIME 00.01.30
PAGE 66

DECISION PACKAGE JUSTIFICATION:

To implement an on-going and effective air quality toxics monitoring, permitting and inspection program. This would provide 9 additional FTE's - 5 in central office for permitting, monitoring program review, and emission source data inventory functions and 4 for field office inspection activities - (1-EEIII, 1-EEII, 1-ESII, 1-PPI). This would also provide for the acquisition and operation of monitoring equipment to measure actual concentrations of toxic substances in the air in targeted locations of the state - principally urban industrial areas. This will give the department the ability to address over three hundred toxic substances which could be emitted to the air in this state and if not properly controlled, pose threats of acute and chronic health problems for Iowa citizens. Iowa's current air quality program addresses only 6 "priority pollutants" and 6 toxic/hazardous pollutants.

If this package is not approved, this program will not be implemented subjecting Iowa citizens to unreasonable and unnecessary health risks.

I. THE CUMULATIVE FUNDING TOTAL
INCLUDING THIS DECISION PACKAGE
IS GREATER THAN CURRENT LEVEL.

II. THIS FUNCTION, OPERATION, OR ACTIVITY
IS NOT CURRENTLY BEING DONE.

III. THE CUMULATIVE SERVICE LEVEL TOTAL
INCLUDING THIS DECISION PACKAGE
IS GREATER THAN CURRENT LEVEL.

PRIORITY

DIV #4

DEPT #35

NATURAL RESOURCES, DEPARTMENT OF
NATURAL RESOURCES
NATURAL RESOURCES DEPARTMENT OPERATIONS
900015442G72 7000 7100 7110 01
CONST GRANTS NON-GRANT

STATE OF IOWA
DEPARTMENT OF MANAGEMENT
BUDGET WORKSHEETS FOR 1990-1992 BIENNIAL
DECISION PACKAGE (PART I) - NARRATIVE

SCHEDULE 4 ORGN DETAIL
DECISION PACKAGE (PART I)
DATE 08/29/89 TIME 00.01.30
PAGE 61

DECISION PACKAGE JUSTIFICATION:

This package would fund 3 additional FTE (ES III's) plus increased funding for laboratory/analytical services to provide the department with the ability to conduct detailed assessments and evaluations of Iowa's surface water streams and rivers. As a part of Iowa's water quality program, we are required to classify our surface water streams and rivers according to their current and potential uses. These designations then determine the degree of protection afforded those water bodies and the degree of pollution control required of municipal and industrial wastewater discharges. These designations should be based upon real data gathered by trained staff through field assessment techniques, water quality testing, and biological monitoring.

Only 8,000 miles of Iowa's 18,000 miles of streams and rivers have been classified for designated uses through such techniques over the past 15 years. Many of these classifications should be re-evaluated to determine adequacy in the face of changed water quality standards and those not classified by such assessments.

Failure to perform this work could yield to improper classification and protection of surface waters posing threats to the environment and or public health, or excess and unwarranted controls on dischargers.

I. THE CUMULATIVE FUNDING TOTAL
INCLUDING THIS DECISION PACKAGE
IS GREATER THAN CURRENT LEVEL.

II. THIS FUNCTION, OPERATION, OR ACTIVITY
IS NOT CURRENTLY BEING DONE.

III. THE CUMULATIVE SERVICE LEVEL TOTAL
INCLUDING THIS DECISION PACKAGE
IS GREATER THAN CURRENT LEVEL.

PRIORITY

DIV # 5

DEPT # 36

NATURAL RESOURCES, DEPARTMENT OF
NATURAL RESOURCES
NATURAL RESOURCES DEPARTMENT OPERATIONS
90001542G72 7000 7100 7135
GROUNDWATER QUALITY PLANNING

STATE OF IOWA
DEPARTMENT OF MANAGEMENT
BUDGET WORKSHEETS FOR 1990-1992 BIENNIIUM
DECISION PACKAGE (PART I) - NARRATIVE

SCHEDULE 4 ORGN DETAIL
DECISION PACKAGE (PART I)
DATE 08/29/89 TIME 00.01.30
PAGE 62

DECISION PACKAGE JUSTIFICATION:

To provide funding for the implementation of a statewide groundwater monitoring program consisting of 615 fixed station, long-term groundwater monitoring wells on an annual basis, monitoring of a select and targeted number of wells on a rotational basis and site/location specific problem assessment monitoring. This monitoring would be for both water quality and quantity in Iowa's underground aquifers. Costs would be associated with establishing and sampling monitoring wells and lab analysis via contractual services, and 1 FTE for oversight and evaluation of the system.

If this package is not approved, this program will not be implemented and a comprehensive groundwater monitoring not conducted.

I. THE CUMULATIVE FUNDING TOTAL
INCLUDING THIS DECISION PACKAGE
IS GREATER THAN CURRENT LEVEL.

II. THIS FUNCTION, OPERATION, OR ACTIVITY
IS NOT CURRENTLY BEING DONE.

III. THE CUMULATIVE SERVICE LEVEL TOTAL
INCLUDING THIS DECISION PACKAGE
IS GREATER THAN CURRENT LEVEL.

PRIORITY

DIV # 6

DEPT # 37

NATURAL RESOURCES, DEPARTMENT OF
NATURAL RESOURCES
NATURAL RESOURCES DEPARTMENT OPERATIONS
90001542672 7000
ENVIRONMENTAL PROTECTION DIV.

STATE OF IOWA
DEPARTMENT OF MANAGEMENT
BUDGET WORKSHEETS FOR 1990-1992 BIENNIAL
ORGANIZATION - BUDGET COMPARISON

SCHEDULE 6 ORGN RECAP
(BUDGET COMPARISON)
DATE 08/26/89 TIME 00.04.02
PAGE 184

	ACTUAL FY 1 FY 1987-88	ACTUAL FY 1988-89	DEPT REV FY 1989-90	TOT DPT REQ FY 1990-91	TOT DPT REQ FY 1991-92
RESOURCES					
APPROPRIATIONS					
GHF-GEN'L PROVISIONS-DNR	\$	\$ 35,809	\$ 352,486	\$ 357,875	\$ 358,111
GHF-LANDFILL MONITORING-DNR	16,652	200,000			
GHF-RURAL WELLS ASSESSMENT-D		28,000	10,000		
GHF-STORAGE TANKS STUDY-DNR	34,800	316,102	32,180	34,408	34,438
GHF-WELL TESTING ADMIN 2 1/2-DN	126	24,329	23,731	34,598	34,598
GHF-GHTR MONITORING-DNR	125,730	244,214	243,626	246,260	246,705
NATURAL RESOURCES OPERATIONS	2,007,639	1,840,767	2,058,170	3,986,051	3,987,957
APPROPRIATIONS SUBTOTAL	2,184,947	2,689,221	2,720,193	4,659,192	4,661,809
RECEIPTS					
FEDERAL SUPPORT	3,271,005	4,529,723	5,343,083	5,364,727	5,372,493
INTRA STATE RECEIPTS			242,764	244,717	244,844
RECEIPTS SUBTOTAL	3,271,005	4,529,723	5,585,847	5,609,444	5,617,337
TOTAL RESOURCES	\$ 5,455,952	\$ 7,218,944	\$ 8,306,040	\$ 10,268,636	\$ 10,279,146
FTE POSITIONS	109.86	128.90	143.25	156.55	152.55
DISPOSITION OF RESOURCES					
EXPENDITURES					
PERSONAL SERVICES	\$ 4,054,798	\$ 4,837,659	\$ 5,507,255	\$ 6,100,851	\$ 6,111,361
PERSONAL TRAVEL	71,617	92,677	158,000	168,000	168,000
STATE VEHICLE OPERATION	23,165	26,338	43,000	53,000	53,000
DEPRECIATION	35,070	44,275	63,000	96,000	73,000
OFFICE SUPPLIES	21,498	25,345	41,000	42,000	42,000
FACILITY MAINTENANCE SUPPLIE	4,037	2,921	7,500	7,500	7,500
EQUIPMENT MAINTENANCE SUPPLI	6,190	5,952	9,800	9,800	9,800
PROF. & SCIENTIFIC SUPPLIES	65	34	6,700	6,700	6,700
AG., CONSERVATION & HORT SUPP	2,093				
OTHER SUPPLIES	11,838	21,955	24,320	24,320	24,320
PRINTING & BINDING	10,697	19,084	41,050	43,050	43,050
UNIFORMS & RELATED ITEMS	997	1,775	3,200	3,200	3,200
COMMUNICATIONS	31,465	28,040	35,650	35,650	35,650
RENTALS	34,954	45,219	45,065	45,065	45,065
UTILITIES	9,442	8,155	14,145	14,145	14,145
PROF & SCIENTIFIC SERVICES	749,635	494,665	1,612,200	2,683,200	2,913,200
OUTSIDE SERVICES	112,429	35,544	37,170	37,170	37,170
ADVERTISING & PUBLICITY	1,640	2,749	3,200	3,200	3,200

NATURAL RESOURCES, DEPARTMENT OF
NATURAL RESOURCES DEPARTMENT OPERATIONS
NATURAL RESOURCES DEPARTMENT OPERATIONS
90001542G72 7000
ENVIRONMENTAL PROTECTION DIV.

SCHEDULE 6 ORGN RECAP
(BUDGET COMPARISON)
DATE 08/26/89 TIME 00.04.02
PAGE 185

	ACTUAL FY 1 FY 1987-88	ACTUAL FY 1988-89	DEPT REV FY 1989-90	TOT DPT REQ FY 1990-91	TOT DPT REQ FY 1991-92
DISPOSITION OF RESOURCES					
EXPENDITURES					
DATA PROCESSING	118,340	99,893	139,050	148,050	148,050
REIMBURSEMENTS TO OTHER AGEN	10,913	15,501	14,700	14,700	14,700
EQUIPMENT	144,809	426,870	499,750	732,750	525,750
LICENSES	260	465	285	285	285
EXPENDITURES SUBTOTAL	5,455,952	6,235,116	8,306,040	10,268,636	10,279,146
UNSPENT BALANCE		983,828			
TOTAL DISPOSITION OF RESOURCES	\$ 5,455,952	\$ 7,218,944	\$ 8,306,040	\$ 10,268,636	\$ 10,279,146

NATURAL RESOURCES, DEPARTMENT OF
NATURAL RESOURCES
NATURAL RESOURCES DEPARTMENT OPERATIONS
90001542672 7000 7100
SURFACE/GRNDWTR PROT. BUREAU

STATE OF IOWA
DEPARTMENT OF MANAGEMENT
BUDGET WORKSHEETS FOR 1990-1992 BIENNium
ORGANIZATION - BUDGET COMPARISON

SCHEDULE 6 ORGN RECAP
(BUDGET COMPARISON)
DATE 08/26/89 TIME 00.04.02
PAGE 193

	ACTUAL FY 1 FY 1987-88	ACTUAL FY 1988-89	DEPT REV FY 1989-90	TOT DPT REQ FY 1990-91	TOT DPT REQ FY 1991-92
RESOURCES					
APPROPRIATIONS					
GWFF-LANDFILL MONITORING-DNR	\$ 16,652	\$ 28,000	\$ 10,000		\$
GWFF-RURAL WELLS ASSESSMENT-D					
GWFF-STORAGE TANKS STUDY-DNR	34,800				
GWFF-WELL TESTING ADMIN 22-DN	126	24,329	23,731	34,598	34,598
GWFF-GWTR MONITORING-DNR	125,730				
NATURAL RESOURCES OPERATIONS	2,007,639	1,879,985	2,058,170	3,197,051	3,198,957
APPROPRIATIONS SUBTOTAL	2,184,947	1,932,314	2,091,901	3,231,649	3,233,555
RECEIPTS					
FEDERAL SUPPORT	3,031,027	2,019,619	1,655,690	1,677,334	1,685,100
INTRA STATE RECEIPTS			241,064	243,017	243,144
RECEIPTS SUBTOTAL	3,031,027	2,019,619	1,896,754	1,920,351	1,928,244
TOTAL RESOURCES	\$ 5,215,974	\$ 3,951,933	\$ 3,988,655	\$ 5,152,000	\$ 5,161,799
FTE POSITIONS	45.71	46.83	53.25	57.55	57.55
DISPOSITION OF RESOURCES					
EXPENDITURES					
PERSONAL SERVICES	\$ 1,699,860	\$ 1,810,883	\$ 2,097,128	\$ 2,303,489	\$ 2,307,323
PERSONAL TRAVEL	26,339	20,862	43,000	51,000	51,000
STATE VEHICLE OPERATION				5,000	5,000
OFFICE SUPPLIES	7,303	9,571	20,750	20,750	20,750
FACILITY MAINTENANCE SUPPLIE	210				
PROF. & SCIENTIFIC SUPPLIES					
OTHER SUPPLIES	1,092	1,152	1,000	1,000	1,000
PRINTING & BINDING	7,168	6,770	19,700	19,700	19,700
UNIFORMS & RELATED ITEMS	85				
RENTALS	107	135	65	65	65
PROF & SCIENTIFIC SERVICES	459,409	105,582	496,000	1,397,000	1,397,000
OUTSIDE SERVICES	5,152	3,077	4,470	4,470	4,470
ADVERTISING & PUBLICITY	1,182	1,938	2,000	2,000	2,000
DATA PROCESSING	47,708	48,009	69,500	72,500	72,500
REIMBURSEMENTS TO OTHER AGEN	3,241	5,022	4,700	4,700	4,700
EQUIPMENT	53,190	32,091	79,400	82,400	82,400
LICENSES	260	465	285	285	285
EXPENDITURES SUBTOTAL	2,312,306	2,045,557	2,839,598	3,965,959	3,969,793

STATE OF IOWA
DEPARTMENT OF MANAGEMENT
BUDGET WORKSHEETS FOR 1990-1992 BIENNIUM
ORGANIZATION - BUDGET COMPARISON

NATURAL RESOURCES, DEPARTMENT OF
NATURAL RESOURCES
NATURAL RESOURCES DEPARTMENT OPERATIONS
90001542G72 7000 7100
SURFACE/GRNDWTR PROT. BUREAU

	ACTUAL FY 1 FY 1987-88	ACTUAL FY 1988-89	DEPT REV FY 1989-90	TOT DPT REQ FY 1990-91	TOT DPT REGR FY 1991-92
DISPOSITION OF RESOURCES					
REVERSIONS	2,903,668				
UNSPENT BALANCE		1,906,376			
TOTAL DISPOSITION OF RESOURCES	\$ 5,215,974	\$ 3,951,933	\$ 2,839,598	\$ 3,965,959	\$ 3,969,793

STATE OF IOWA
DEPARTMENT OF MANAGEMENT
BUDGET WORKSHEETS FOR 1990-1992 BIENNIIUM
ORGANIZATION - BUDGET COMPARISON

NATURAL RESOURCES, DEPARTMENT OF
NATURAL RESOURCES
NATURAL RESOURCES DEPARTMENT OPERATIONS
90001542G72 7000 7300
AIR QUALITY/SOLID WASTE PROT.

	ACTUAL FY 1 FY 1987-88	ACTUAL FY 1988-89	DEPT REV FY 1989-90	TOT DPT REQ FY 1990-91	TOT DPT REQ FY 1991-92
RESOURCES					
APPROPRIATIONS					
GMF-GEN'L PROVISIONS-DNR	\$	\$ 35,809	\$ 352,486	\$ 357,875	\$ 358,111
GMF-LANDFILL MONITORING-DNR		200,000			
GMF-STORAGE TANKS STUDY-DNR		59,366	32,180	34,408	34,438
GMF-GWTR MONITORING-DNR		148,346	243,626	246,260	246,705
NATURAL RESOURCES OPERATIONS		-39,218		789,000	789,000
APPROPRIATIONS SUBTOTAL		404,303	628,292	1,427,543	1,428,254
RECEIPTS					
FEDERAL SUPPORT	1,188,041	1,526,390	2,731,467	2,731,467	2,731,467
INTRA STATE RECEIPTS			1,700	1,700	1,700
RECEIPTS SUBTOTAL	1,188,041	1,526,390	2,733,167	2,733,167	2,733,167
TOTAL RESOURCES	\$ 1,188,041	\$ 1,930,693	\$ 3,361,459	\$ 4,160,710	\$ 4,161,421
FTE POSITIONS	20.47	30.47	36.00	45.00	41.00
DISPOSITION OF RESOURCES					
EXPENDITURES					
PERSONAL SERVICES	\$ 759,701	\$ 1,159,362	\$ 1,418,275	\$ 1,777,119	\$ 1,779,890
PERSONAL TRAVEL	14,109	36,454	65,500	67,500	67,500
STATE VEHICLE OPERATION		59		5,000	5,000
DEPRECIATION				33,000	10,000
OFFICE SUPPLIES	2,046	4,617	6,450	7,450	7,450
FACILITY MAINTENANCE SUPPLIE		2,258	5,500	5,500	5,500
EQUIPMENT MAINTENANCE SUPPLI			6,000	6,000	6,000
PROF. & SCIENTIFIC SUPPLIES	716		5,700	5,700	5,700
AG., CONSERVATION & HORT SUPP	1				
OTHER SUPPLIES	2,093				
PRINTING & BINDING	3,846	13,280	12,550	12,550	12,550
UNIFORMS & RELATED ITEMS	2,640	10,500	19,450	21,450	21,450
COMMUNICATIONS	277		1,000	1,000	1,000
UTILITIES			5,650	5,650	5,650
PROF & SCIENTIFIC SERVICES	4,396	3,278	7,645	7,645	7,645
OUTSIDE SERVICES	272,976	208,512	937,635	1,107,635	1,337,635
ADVERTISING & PUBLICITY	39,986	28,058	25,200	25,200	25,200
DATA PROCESSING	458	811	1,200	1,200	1,200
REIMBURSEMENTS TO OTHER AGEN	34,240	14,985	33,500	39,500	39,500
EQUIPMENT	1,816	3,307	4,100	4,100	4,100
	89,984	298,739	388,350	618,350	411,350
EXPENDITURES SUBTOTAL	1,229,285	1,784,220	2,943,705	3,751,549	3,754,320

STATE OF IOWA
DEPARTMENT OF MANAGEMENT
BUDGET WORKSHEETS FOR 1990-1992 BIENNIIUM
ORGANIZATION - BUDGET COMPARISON

NATURAL RESOURCES, DEPARTMENT OF
NATURAL RESOURCES
NATURAL RESOURCES DEPARTMENT OPERATIONS
900015442672 7000 7300
AIR QUALITY/SOLID WASTE PROT.

	ACTUAL FY 1 FY 1987-88	ACTUAL FY 1988-89	DEPT REV FY 1989-90	TOT DPT REQ FY 1990-91	TOT DPT REQ FY 1991-92
DISPOSITION OF RESOURCES					
REVERSIONS	-41,244				
UNSPENT BALANCE		146,473			
TOTAL DISPOSITION OF RESOURCES	\$ 1,188,041	\$ 1,930,693	\$ 2,943,705	\$ 3,751,549	\$ 3,754,320

NATURAL RESOURCES, DEPARTMENT OF
NATURAL RESOURCES
NATURAL RESOURCES DEPARTMENT OPERATIONS
900015442672 7000 7400
FIELD/EMERG. RESPONSE BUREAU

	STATE OF IOWA DEPARTMENT OF MANAGEMENT BUDGET WORKSHEETS FOR 1990-1992 BIENNium ORGANIZATION - BUDGET COMPARISON	ACTUAL FY 1 FY 1987-88	ACTUAL FY 1988-89	DEPT REV FY 1989-90	TOT DPT REQ FY 1990-91	TOT DPT REQ FY 1991-92
RESOURCES						
APPROPRIATIONS						
GMF-STORAGE TANKS STUDY-DNR	\$		\$ 256,736	\$		\$
GMF-GMTR MONITORING-DNR			95,868			
APPROPRIATIONS SUBTOTAL			352,604			
RECEIPTS						
FEDERAL SUPPORT			983,714	955,926	955,926	955,926
TOTAL RESOURCES	\$	0	\$ 1,336,318	\$ 955,926	\$ 955,926	\$
FTE POSITIONS		42.68	50.60	53.00	53.00	53.00
DISPOSITION OF RESOURCES						
EXPENDITURES						
PERSONAL SERVICES	\$	1,535,199	\$ 1,801,540	\$ 1,921,722	\$ 1,949,357	\$ 1,953,009
PERSONAL TRAVEL		29,898	32,550	46,500	46,500	46,500
STATE VEHICLE OPERATION		23,165	26,279	43,000	43,000	43,000
DEPRECIATION		35,070	44,275	63,000	63,000	63,000
OFFICE SUPPLIES		12,149	11,157	13,500	13,500	13,500
FACILITY MAINTENANCE SUPPLIE		3,827	663	2,000	2,000	2,000
EQUIPMENT MAINTENANCE SUPPLI		5,474	5,952	3,800	3,800	3,800
PROF. & SCIENTIFIC SUPPLIES		64	34			
OTHER SUPPLIES		6,048	7,523	10,170	10,170	10,170
PRINTING & BINDING		355	1,814	1,300	1,300	1,300
UNIFORMS & RELATED ITEMS		635	1,399	2,200	2,200	2,200
COMMUNICATIONS		31,465	28,040	30,000	30,000	30,000
RENTALS		34,847	45,084	45,000	45,000	45,000
UTILITIES		5,046	4,877	6,500	6,500	6,500
PROF & SCIENTIFIC SERVICES		17,250	180,571	178,565	178,565	178,565
OUTSIDE SERVICES		6,677	4,312	7,500	7,500	7,500
DATA PROCESSING		35,744	36,395	36,050	36,050	36,050
REIMBURSEMENTS TO OTHER AGEN		5,856	5,399	5,900	5,900	5,900
EQUIPMENT		1,429	96,040	32,000	32,000	32,000
EXPENDITURES SUBTOTAL		1,790,198	2,333,904	2,448,707	2,476,342	2,479,994
REVERSIONS						
UNSPENT BALANCE		-1,790,198	-997,586			
TOTAL DISPOSITION OF RESOURCES	\$	0	\$ 1,336,318	\$ 2,448,707	\$ 2,476,342	\$ 2,479,994

STATE OF IOWA
DEPARTMENT OF MANAGEMENT
BUDGET WORKSHEETS FOR 1990-1992 BIENNium
ORGANIZATION - BUDGET COMPARISON

NATURAL RESOURCES, DEPARTMENT OF
NATURAL RESOURCES
NATURAL RESOURCES DEPARTMENT OPERATIONS
90001542672 7000 7900
ENVIRON. PROTECTION DIV. MGMT

	ACTUAL FY 1 FY 1987-88	ACTUAL FY 1988-89	DEPT REV FY 1989-90	TOT DPT REQ FY 1990-91	TOT DPT REQ FY 1991-92
TOTAL RESOURCES	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
FTE POSITIONS	1.00	1.00	1.00	1.00	1.00
DISPOSITION OF RESOURCES					
EXPENDITURES					
PERSONAL SERVICES	\$ 60,038	\$ 65,874	\$ 70,130	\$ 70,886	\$ 71,139
PERSONAL TRAVEL	1,271	2,811	3,000	3,000	3,000
OFFICE SUPPLIES			300	300	300
OTHER SUPPLIES	852				
PRINTING & BINDING	534				
UNIFORMS & RELATED ITEMS		376	600	600	600
OUTSIDE SERVICES	60,614	97			
DATA PROCESSING	648	504			
REIMBURSEMENTS TO OTHER AGEN		1,773			
EQUIPMENT	206				
EXPENDITURES SUBTOTAL	124,163	71,435	74,030	74,786	75,039
REVERSIONS					
UNSPENT BALANCE	-124,163	-71,435			
TOTAL DISPOSITION OF RESOURCES	\$ 0	\$ 0	\$ 74,030	\$ 74,786	\$ 75,039

NATURAL RESOURCES, DEPARTMENT OF
NATURAL RESOURCES
NATURAL RESOURCES DEPARTMENT OPERATIONS

90001542G72 9000

WASTE MANAGEMENT AUTHORITY

RANK DESCRIPTION

BASE

STATE OF IOWA
DEPARTMENT OF MANAGEMENT
BUDGET WORKSHEETS FOR 1990-1992 BIENNium
RANKING SCHEDULE - ORGANIZATION RECAP

TOTAL DEPT REQUEST
FY 1990 - 1991

EXPEND/FTE	APPROPRIATION
\$ 361,012	\$ 309,757
(8.00)	OT

0001 WASTE MGMT. AUTH. SOLID WASTE
PROVIDE FOR DIVISION GENERAL ADM.
0002 WASTE MGMT. AUTH. SOLID WASTE
INCREASE RECYCLING PROGRAM STAFFING

ESTIMATED FY 1989-90

TOTAL	\$ 508,065	\$ 457,303
(11.00)	OT	

SCHEDULE 1 ORGN RECAP
(RANKING SCHEDULE)
DATE 08/28/89 TIME 23.20.14
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TOTAL DEPT REQUEST
FY 1991 - 1992

EXPEND/FTE	APPROPRIATION
\$ 361,156	\$ 309,901
(8.00)	OT

152,484	GF	152,484
(3.00)		
178,500	GF	178,500
(4.00)		

692,140	GF	330,984
(15.00)	OT	309,901

NATURAL RESOURCES, DEPARTMENT OF
NATURAL RESOURCES
NATURAL RESOURCES DEPARTMENT OPERATIONS
90001542G72 9000 9100 01
WASTE MGMT. AUTH. SOLID WASTE

STATE OF IOWA
DEPARTMENT OF MANAGEMENT
BUDGET WORKSHEETS FOR 1990-1992 BIENNIIUM
DECISION PACKAGE (PART1) - NARRATIVE

SCHEDULE 4 ORGN DETAIL
DECISION PACKAGE (PART1)
DATE 08/29/89 TIME 00.01.30
PAGE 78

DECISION PACKAGE JUSTIFICATION:

Restores the general division administration which includes a central repository and information clearinghouse on solid and hazardous waste alternatives, publishing of a Recycling Directory and other recycling materials and representation for low-level radioactive waste concerns.

If this package is not approved, the state's fledgling efforts for promotion and implementation of waste management alternatives would be greatly set back.

There is no federal program in this area and no workable alternative to a state program.

I. THE CUMULATIVE FUNDING TOTAL
INCLUDING THIS DECISION PACKAGE
IS LESS THAN CURRENT LEVEL.

II. THIS FUNCTION, OPERATION, OR ACTIVITY
IS CURRENTLY BEING DONE.

III. THE CUMULATIVE SERVICE LEVEL TOTAL
INCLUDING THIS DECISION PACKAGE
IS LESS THAN CURRENT LEVEL.

PRIORITY

DIV # 1

DEPT # 23

NATURAL RESOURCES, DEPARTMENT OF
NATURAL RESOURCES
NATURAL RESOURCES DEPARTMENT OPERATIONS
90001542G72 9000 9100
WASTE MGMT. AUTH. SOLID WASTE

STATE OF IOWA
DEPARTMENT OF MANAGEMENT
BUDGET WORKSHEETS FOR 1990-1992 BIENNIAL
DECISION PACKAGE (PART1) - NARRATIVE

02

SCHEDULE 4 ORGN DETAIL
DECISION PACKAGE (PART1)
DATE 08/29/89 TIME 00.01.30
PAGE 79

DECISION PACKAGE JUSTIFICATION:

This package would fund 4 additional FTE's (PP I's) plus increased funding for public education/outreach in promoting proper and safe management alternatives for solid and hazardous waste. As a part of Iowa's waste reduction and recycling efforts, we are required to establish and promote a recycling network, promote the creation of markets for recycled materials and procurement of products with recycled content, establish recycling programs for polystyrene foam products, develop alternatives for white goods, waste oil, and refrigerator, and develop a waste tire abatement program. In addition, an information/education effort regarding infectious waste is to be conducted, as well as a compilation of an inventory of infectious waste generated. Records on hazardous waste must be compiled and maintained for preparation of the state Capacity Assurance Plan (CAP) required by U.S. EPA and recycling activities by hazardous waste generators must be reviewed/monitored.

Less than 7% of the 3 million tons of solid waste generated in the state is currently being recycled and few markets exist for recycled materials and products. Currently, no efforts exist for infectious waste and nothing permanent exists for hazardous waste.

Failure to perform this work could result in failure or extreme difficulty for local recycling programs due to lack of technical assistance, public education and, most significantly, available markets. Additionally, the state could be unprepared to deal with federal infectious waste requirements and with future CAP requirements.

I. THE CUMULATIVE FUNDING TOTAL
INCLUDING THIS DECISION PACKAGE
IS GREATER THAN CURRENT LEVEL.

II. THIS FUNCTION, OPERATION, OR ACTIVITY
IS NOT CURRENTLY BEING DONE.

III. THE CUMULATIVE SERVICE LEVEL TOTAL
INCLUDING THIS DECISION PACKAGE
IS GREATER THAN CURRENT LEVEL.

PRIORITY

DIV #2

DEPT # 42

STATE OF IOWA
DEPARTMENT OF MANAGEMENT
BUDGET WORKSHEETS FOR 1990-1992 BIENNIIUM
ORGANIZATION - BUDGET COMPARISON

NATURAL RESOURCES, DEPARTMENT OF
NATURAL RESOURCES
NATURAL RESOURCES DEPARTMENT OPERATIONS
90001542572 9000
WASTE MANAGEMENT AUTHORITY

	ACTUAL FY 1 FY 1987-88	ACTUAL FY 1988-89	DEPT REV FY 1989-90	TOT DPT REQ FY 1990-91	TOT DPT REQ FY 1991-92
RESOURCES					
APPROPRIATIONS					
GMF-LANDFILL ALTERNATIVES-DNR	\$ 18,753	\$ 194,426	\$	\$ 142,526	\$ 142,555
GMF-HOUSEHOLD HAZ WASTE-DNR	95,454	178,030	139,654		
GMF-HASTE MGMT AUTH.-DNR	85,259	170,528	151,186	167,231	167,346
GMF-LANDFILL ALTERNATIVES-DNR			166,463	330,786	330,984
NATURAL RESOURCES OPERATIONS					
APPROPRIATIONS SUBTOTAL	199,466	542,984	457,303	640,543	640,885
RECEIPTS					
FEDERAL SUPPORT			50,762	51,255	51,255
TOTAL RESOURCES	\$ 199,466	\$ 542,984	\$ 508,065	\$ 691,798	\$ 692,140
FTE POSITIONS	2.08	7.49	11.00	15.00	15.00
DISPOSITION OF RESOURCES					
EXPENDITURES					
PERSONAL SERVICES	\$ 81,663	\$ 247,869	\$ 374,082	\$ 499,315	\$ 499,657
PERSONAL TRAVEL	7,865	18,494	22,000	30,000	30,000
OFFICE SUPPLIES	9,732	12,711	7,325	8,325	8,325
OTHER SUPPLIES	7,988	2,532	7,000	8,000	8,000
PRINTING & BINDING	45,552	39,615	55,188	75,188	75,188
PROF & SCIENTIFIC SERVICES		4,000			
OUTSIDE SERVICES	87	5,272	6,000	6,000	6,000
DATA PROCESSING	171	2,288	6,000	6,500	6,500
REIMBURSEMENTS TO OTHER AGEN	29,423	508	12,200	12,100	12,100
EQUIPMENT	16,985	34,090	18,270	46,270	46,270
LICENSES				100	100
EXPENDITURES SUBTOTAL	199,466	367,379	508,065	691,798	692,140
UNSPENT BALANCE		175,605			
TOTAL DISPOSITION OF RESOURCES	\$ 199,466	\$ 542,984	\$ 508,065	\$ 691,798	\$ 692,140

STATE OF IOWA
DEPARTMENT OF MANAGEMENT
BUDGET WORKSHEETS FOR 1990-1992 BIENNIIUM
ORGANIZATION - BUDGET COMPARISON

NATURAL RESOURCES, DEPARTMENT OF
NATURAL RESOURCES
NATURAL RESOURCES DEPARTMENT OPERATIONS

90001542G72 9000 9100
WASTE MGMT. AUTH. SOLID WASTE

	ACTUAL FY 1 FY 1987-88	ACTUAL FY 1988-89	DEPT REV FY 1989-90	TOT DPT REQ FY 1990-91	TOT DPT REQ FY 1991-92
RESOURCES					
APPROPRIATIONS					
GMF-LANDFILL ALTERNATIVES-DNR	\$ 18,753	\$	\$		\$
GMF-HOUSEHOLD HAZ WASTE-DNR	95,454				
GMF-WASTE MGMT AUTH.-DNR	85,259	170,528	149,545	330,786	330,984
NATURAL RESOURCES OPERATIONS					
APPROPRIATIONS SUBTOTAL	199,466	170,528	149,545	330,786	330,984
TOTAL RESOURCES	\$ 199,466	\$ 170,528	\$ 149,545	\$ 330,786	\$ 330,984
FTE POSITIONS	1.62	2.90	3.00	7.00	7.00
DISPOSITION OF RESOURCES					
EXPENDITURES					
PERSONAL SERVICES	\$ 60,276	\$ 107,975	\$ 122,695	\$ 245,436	\$ 245,634
PERSONAL TRAVEL	6,940	8,622	12,000	20,000	20,000
OFFICE SUPPLIES	207	760	1,000	2,000	2,000
OTHER SUPPLIES	198	346	1,000	2,000	2,000
PRINTING & BINDING	399	6,018	2,000	22,000	22,000
OUTSIDE SERVICES	87	988	500	500	500
DATA PROCESSING	171	1,256	2,250	2,750	2,750
REIMBURSEMENTS TO OTHER AGEN		63	100		
EQUIPMENT	16,985	4,595	8,000	36,000	36,000
LICENSES				100	100
EXPENDITURES SUBTOTAL	85,263	130,623	149,545	330,786	330,984
REVERSIONS	114,203				
UNSPENT BALANCE		39,905			
TOTAL DISPOSITION OF RESOURCES	\$ 199,466	\$ 170,528	\$ 149,545	\$ 330,786	\$ 330,984

STATE OF IOWA
DEPARTMENT OF MANAGEMENT
BUDGET WORKSHEETS FOR 1990-1992 BIENNIUM
ORGANIZATION - BUDGET COMPARISON

NATURAL RESOURCES, DEPARTMENT OF
NATURAL RESOURCES
NATURAL RESOURCES DEPARTMENT OPERATIONS
90001542G72 9000 9200
HOUSEHOLD HAZARDOUS WASTE

	ACTUAL FY 1 FY 1987-88	ACTUAL FY 1988-89	DEPT REV FY 1989-90	TOT DPT REQ FY 1990-91	TOT DPT REQ FY 1991-92
RESOURCES					
APPROPRIATIONS					
GMF-HOUSEHOLD HAZ WASTE-DNR	\$	\$ 178,030	\$ 139,654	\$ 142,526	\$ 142,555
TOTAL RESOURCES	\$	\$ 178,030	\$ 139,654	\$ 142,526	\$ 142,555
FTE POSITIONS	.08	1.70	2.83	2.83	2.83
DISPOSITION OF RESOURCES					
EXPENDITURES					
PERSONAL SERVICES	\$ 3,752	\$ 47,004	\$ 84,654	\$ 87,526	\$ 87,555
PERSONAL TRAVEL		3,967	5,000	5,000	5,000
OFFICE SUPPLIES	9,428	11,925	500	500	500
OTHER SUPPLIES	7,790	280	5,000	5,000	5,000
PRINTING & BINDING	45,059	33,320	25,000	25,000	25,000
OUTSIDE SERVICES		4,278	5,000	5,000	5,000
DATA PROCESSING		458	1,500	1,500	1,500
REIMBURSEMENTS TO OTHER AGEN	29,423	14	12,000	12,000	12,000
EQUIPMENT		14,772	1,000	1,000	1,000
EXPENDITURES SUBTOTAL	95,452	116,018	139,654	142,526	142,555
REVERSIONS					
UNSPENT BALANCE	-95,452	62,012			
TOTAL DISPOSITION OF RESOURCES	\$ 0	\$ 178,030	\$ 139,654	\$ 142,526	\$ 142,555

NATURAL RESOURCES, DEPARTMENT OF
 NATURAL RESOURCES
 NATURAL RESOURCES DEPARTMENT OPERATIONS
 900015442G72 9000 9300
 WASTE MGMT LANDFILL ALTERNATIV

STATE OF IOWA
 DEPARTMENT OF MANAGEMENT
 BUDGET WORKSHEETS FOR 1990-1992 BIENNIIUM
 ORGANIZATION - BUDGET COMPARISON

SCHEDULE 6 ORGN RECAP
 (BUDGET COMPARISON)
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	ACTUAL FY 1 FY 1987-88	ACTUAL FY 1988-89	DEPT REV FY 1989-90	TOT DPT REQ FY 1990-91	TOT DPT REQ FY 1991-92
RESOURCES					
APPROPRIATIONS					
GMF-LANDFILL ALTERNATIVES-DN	\$	\$ 194,426	\$ 166,463	\$ 167,231	\$ 167,346
GMF-LANDFILL ALTERNATIVES-DN					
APPROPRIATIONS SUBTOTAL		194,426	166,463	167,231	167,346
TOTAL RESOURCES	\$ 0	\$ 194,426	\$ 166,463	\$ 167,231	\$ 167,346
FTE POSITIONS	.38	2.20	4.92	4.92	4.92
DISPOSITION OF RESOURCES					
EXPENDITURES					
PERSONAL SERVICES	\$ 17,635	\$ 72,238	\$ 157,463	\$ 158,231	\$ 158,346
PERSONAL TRAVEL	925	1,565	4,000	4,000	4,000
OFFICE SUPPLIES	97	26	1,000	1,000	1,000
OTHER SUPPLIES		1,906	1,000	1,000	1,000
PRINTING & BINDING	94	277	200	200	200
PROF & SCIENTIFIC SERVICES		4,000	500	500	500
OUTSIDE SERVICES		574	2,250	2,250	2,250
DATA PROCESSING		364	50	50	50
REIMBURSEMENTS TO OTHER AGEN		14,723			
EQUIPMENT					
EXPENDITURES SUBTOTAL	18,751	95,673	166,463	167,231	167,346
REVERSIONS					
UNSPENT BALANCE	-18,751	98,753			
TOTAL DISPOSITION OF RESOURCES	\$ 0	\$ 194,426	\$ 166,463	\$ 167,231	\$ 167,346

STATE OF IOWA
DEPARTMENT OF MANAGEMENT
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ORGANIZATION - BUDGET COMPARISON

NATURAL RESOURCES, DEPARTMENT OF
NATURAL RESOURCES
NATURAL RESOURCES DEPARTMENT OPERATIONS

90001542G72 9000 9400
CAPACITY ASSURANCE SUPERFUND

	ACTUAL FY 1 FY 1987-88	ACTUAL FY 1988-89	DEPT REV FY 1989-90	TOT DPT REQ FY 1990-91	TOT DPT REQ FY 1991-92
RESOURCES					
RECEIPTS					
FEDERAL SUPPORT	\$	\$	\$ 19,590	\$ 18,442	\$ 18,442
TOTAL RESOURCES	\$	\$	\$ 19,590	\$ 18,442	\$ 18,442
FTE POSITIONS					
		.69	.25	.25	.25
DISPOSITION OF RESOURCES					
EXPENDITURES					
PERSONAL SERVICES	\$	\$ 20,652	\$ 9,270	\$ 8,122	\$ 8,122
PERSONAL TRAVEL		4,340	1,000	1,000	1,000
OUTSIDE SERVICES		6			
REIMBURSEMENTS TO OTHER AGEN		67	50	50	50
EQUIPMENT			9,270	9,270	9,270
EXPENDITURES SUBTOTAL		25,065	19,590	18,442	18,442
UNSPENT BALANCE		-25,065			
TOTAL DISPOSITION OF RESOURCES	\$	\$	\$ 19,590	\$ 18,442	\$ 18,442

NATURAL RESOURCES, DEPARTMENT OF
 NATURAL RESOURCES
 NATURAL RESOURCES DEPARTMENT OPERATIONS
 90001542672 9000 9500
 SOLID WASTE PUBLICATIONS

STATE OF IOWA
 DEPARTMENT OF MANAGEMENT
 BUDGET WORKSHEETS FOR 1990-1992 BIENNium
 ORGANIZATION - BUDGET COMPARISON

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	ACTUAL FY 1 FY 1987-88	ACTUAL FY 1988-89	DEPT REV FY 1989-90	TOT DPT REQ FY 1990-91	TOT DPT REQ FY 1991-92
RESOURCES					
APPROPRIATIONS					
CHF-WASTE MGMT AUTH.-DNR	\$	\$	1,641	\$	\$
RECEIPTS					
FEDERAL SUPPORT			31,172	32,813	32,813
TOTAL RESOURCES	\$	0	\$	32,813	\$
DISPOSITION OF RESOURCES					
EXPENDITURES					
OFFICE SUPPLIES	\$	\$	4,825	4,825	\$
PRINTING & BINDING			27,988	27,988	
EXPENDITURES SUBTOTAL			32,813	32,813	
TOTAL DISPOSITION OF RESOURCES	\$	0	\$	32,813	\$

GROUND WATER FUND

	FY88 ACTUAL	FY89 ACTUAL	FY90 BUDGET	FY91 REQUEST	FY92 REQUEST
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STORAGE TNK PG ADM	35051	377025	66205	66225	66316
REMEDIAL CLEAN UP ACTIVITIES	0	0	215042	70380	70380
DEPT OF HEALTH	1000	1000	1000	1000	1000
COMMERCE INS DIVISION	25000	0	0	0	0
INSURANCE FUND	0	0	796559	796559	796559

TOTAL	61051	378025	1078806	934164	934254
TOTAL RECEIPTS					

BIG SPRINGS STUDY 3	479522	555875	653697	654075	756831
DNR GENERAL GW	81040	749401	866628	869228	543703
LANDFILL ALTERNATIVES	60738	1142037	407225	0	0
SOLID WASTE	20829	179171	0	0	0
RURAL WELL ASSESSMENT	281908	268092	10000	0	0
ABANDONED WELL EDUC AG	0	18433	281567	0	0
AG ENERGY MGT AG	803970	1151867	2874163	1700000	970000
IWSWRI REGENTS	19781	88433	211786	0	0
LEOPOLD CENTER REGENTS	37246	476124	286630	0	0

TOTAL	1785034	4629433	5591696	3223303	2270535
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RECYCLING PROJECTS	0	0	80000	0	0
TOXIC CLEANUP	0	168866	244306	137969	137934
HOUSEHOLD HAZ WASTE ADM	96401	130189	158024	160031	160066
HHWA DEPT HEALTH	2000	2000	2000	2000	2000
USED MOTOR OIL STUDY DOT	8000	0	0	0	0

TOTAL	106401	301055	484330	300000	300000
TOTAL RECEIPTS					

DEPT PUBLIC HEALTH	9000	9000	9000	9000	9000
HEALTH CENTER	79000	191219	188190	188190	188190
LEOPOLD CENTER	430932	743551	731850	731850	731850
UHL REGENTS	0	201340	125460	125460	125460
COUNTY GRANTS DNR ADM	126	6703	29716	40288	40288
COUNTY GRANTS 23% WELL TESTIN	0	199855	455092	365925	365925
COUNTY GRANTS 12% WELL ABANDO	0	101796	417740	365925	365925
COUNTY CONS BOARDS	0	2400	47600	0	0
AG DRAINAGE WELL/SINKHOLES	310060	276177	271830	271830	271830
UNUSEABLE CARRYOVER	0	0	0	0	31790

TOTAL	829118	1732041	2276479	2098468	2130258
TOTAL RECEIPTS		409406			

SOLID WASTE DNR	156424	232373	293118	292402	292936
SOLID WASTE LANDFILL CLEANUP	0	0	195864	97933	97932
WASTE MGT AUTHORITY DNR	100447	164844	177810	0	33190
DEPT OF HEALTH	0	8000	8000	8000	8000
SMALL BUISINESS CENTER	50000	274211	274211	274210	274211
LANDFILL ALTERNATIVES	0	58065	2879907	2448310	2937972
SANITARY DISPOSAL GRANTS	0	11075	272361	0	0
PUBLIC WATER SUPPLY GRANTS	0	0	141718	0	0
LOCAL AGENCY GRANTS				293797	293797

TOTAL	306871	748568	4242991	3414652	3938039
TOTAL RECEIPTS					

TOTAL GROUND WATER FUND

3088475	7789122	13674301	9970587
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NATURAL RESOURCES, DEPARTMENT OF
NATURAL RESOURCES
NATURAL RESOURCES DEPARTMENT OPERATIONS
90001542G72

STATE OF IOWA
DEPARTMENT OF MANAGEMENT
BUDGET WORKSHEETS FOR 1990-1992 BIENNium
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SCHEDULE 1 BUDGET UNIT
(RANKING SCHEDULE)
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RANK	DESCRIPTION	TOTAL DEPT REQUEST FY 1990 - 1991		TOTAL DEPT REQUEST FY 1991 - 1992	
		EXPEND/FTE	APPROPRIATION	EXPEND/FTE	APPROPRIATION
	BASE				
		\$ 37,961,527 GF \$ 9,622,585		\$ 37,778,712 GF \$ 9,634,380	
		(766.20) OT 15,090,708		(766.20) OT 14,886,196	
0001	Restore Wildcat Den, Fairport, Beeds Lake, Ballvue Lake Darling, & Lake Keomah to FY 90 levels.	438,269 GF 338,269		439,030 GF 339,030	
		(10.00) OT 100,000		(10.00) OT 100,000	
0002	FARM FORESTRY Restore professional forestry management assistance to landowners by restoring three District Offices serving 30% of the state.	164,804 GF 164,804		165,149 GF 165,149	
		(3.00)		(3.00)	
0003	WATER RIGHTS Restore water withdrawal program by providing for state supervision of water use activities.	134,756 GF 134,756		134,950 GF 134,950	
		(3.00)		(3.00)	
0004	Restore Fish, Wildlife, and Enforcement research & operations activities to 80% of FY 90 levels.	915,306 GF 915,306		916,550 GF 916,550	
		(19.80) OT		(19.80) OT	
0005	USGS MATCH Restore drilling program by providing for continued water quality/quantity investigations & related geological information collection.	96,461 GF 96,461		96,461 GF 96,461	
		(2.00)		(2.00)	
0006	ADMINISTRATIVE SUPPORT BUREAU Restore administrative support to 95% of FY 90 staff level.	393,422 GF 236,053		393,422 GF 236,053	
		(8.00) OT 157,369		(8.00) OT 157,369	
0007	LEGAL Restore legal support to the FY 90 level of effort.	45,885 GF 27,531		45,970 GF 27,582	
		(1.00) OT 18,354		(1.00) OT 18,388	
0008	Restore Rathbun Hatchery to the FY 90 level. Restore Fish, & Wildlife research and operations activities to 90% of FY 90 levels.	957,903 GF 957,903		958,665 GF 958,665	
		(21.85) OT		(21.85) OT	
0009	Restore Maquoketa Caves, Mines of Spain, Pilot Knob, Prairie Rose & Rock Creek to FY 90 levels.	351,646 GF 351,646		352,330 GF 352,330	
		(7.00)		(7.00)	
0010	FLOOD PLAIN Restore Floodplain Program by providing for state supervision of floodplain construction activities.	397,707 GF 397,707		398,153 GF 398,153	
		(9.00)		(9.00)	

NATURAL RESOURCES, DEPARTMENT OF
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NATURAL RESOURCES DEPARTMENT OPERATIONS

STATE OF IOWA
DEPARTMENT OF MANAGEMENT
BUDGET WORKSHEETS FOR 1990-1992 BIENNium
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SCHEDULE 1 BUDGET UNIT
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RANK	DESCRIPTION	TOTAL DEPT REQUEST FY 1990 - 1991		TOTAL DEPT REQUEST FY 1991 - 1992	
		EXPEND/FTE	APPROPRIATION	EXPEND/FTE	APPROPRIATION
0011	WATER SUPPLY Restore water supply permit review turnaround time to FY 90 levels.	(84,507 GF \$ 2.00)	21,127	(84,733 GF \$ 2.00)	21,353
0012	Restore accounting & data processing services to 90% of FY 90 level.	(279,135 GF 6.00) OT	167,481 111,654	(279,210 GF 6.00) OT	167,526 111,684
0013	CONSTRUCTION SERVICES BUREAU Restore construction services to the FY 90 level. Provide design & contract administration of DNR development & renovation projects.	(612,086 GF 15.00) OT	367,252 244,834	(613,006 GF 15.00) OT	367,804 245,202
0014	Restore AA Call, Mapsipinicon, Maubonsie, Wilson Island, & Volga to FY 90 levels.	(307,542 GF 5.00)	307,542	(308,272 GF 5.00)	308,272
0015	Restore Fish, Wildlife, & Enforcement research & operations activities to 95% of FY 90 levels.	(863,893 GF 19.60) OT	863,893	(865,108 GF 19.60) OT	865,108
0016	LAND ACQUISITION/MGMT BUREAU Restore land acquisition to 90 level providing for appraisal negotiation & relocation activities associated with acquiring natural resource land.	(197,367 GF 4.00) OT	78,947 118,420	(197,700 GF 4.00) OT	79,080 118,620
0017	GEOLOGICAL & MINERAL RESOURCES Restore sample processing & tracking, field equipment maintenance/repair & map/publications cataloging.	(88,684 GF 2.50)	88,684	(88,755 GF 2.50)	88,755
0018	Restore Yellow River to 95% and Stephens and Loess Hills Pioneer State Forests to 100% of FY 90 levels.	(121,476 GF 4.00)	121,476	(121,476 GF 4.00)	121,476
0019	GEOLOGICAL & MINERAL RESOURCES Restore analysis of soils & sediments needed as a data base for siting landfills/ haz w storage fac. & locating sand/gravel/stone etc. for const projts	(47,738 GF 1.00)	47,738	(47,853 GF 1.00)	47,853
0020	Restore accounting and licensing to the FY 90 level.	(81,277 GF 3.00) OT	48,767 32,510	(81,277 GF 3.00) OT	48,767 32,510

NATURAL RESOURCES, DEPARTMENT OF
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 NATURAL RESOURCES DEPARTMENT OPERATIONS
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STATE OF IOWA
 DEPARTMENT OF MANAGEMENT
 BUDGET WORKSHEETS FOR 1990-1992 BIENNium
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SCHEDULE 1 BUDGET UNIT
 (RANKING SCHEDULE)
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RANK	DESCRIPTION	TOTAL DEPT REQUEST FY 1990 - 1991		TOTAL DEPT REQUEST FY 1991 - 1992	
		EXPEND/FTE	APPROPRIATION	EXPEND/FTE	APPROPRIATION
0021	Restore Fish, Wildlife, and Enforcement research and operations activities to the FY 90 level.	\$ 931,980 (32.37) OT	\$ 931,980	\$ 932,362 (32.37) OT	\$ 932,362
0022	Restore Yellow River and Shimek State Forests to 100% of FY 90 levels.	92,056 GF (3.00)	92,056	92,056 GF (3.00)	92,056
0023	WASTE MGMT. AUTH. SOLID WASTE Restore Waste Mgt Authority Division general administration which was funded from the Solid Waste Account through FY 90.	152,286 GF (3.00)	152,286	152,484 GF (3.00)	152,484
0024	STATEWIDE PARKS Restore funds for replacement of such items as picnic tables, fire rings, grilles, fire pits, etc in order to maintain park facilities.	57,500 GF	57,500	57,500 GF	57,500
0025	STATEWIDE PARKS Restore funding to maintain the State Park Trail System.	75,000 GF	75,000	75,000 GF	75,000
0026	GEOLOGICAL & MINERAL RESOURCES Restore microscopic analysis & description of drill samples from private, municipal, & industrial wells.	41,479 GF (1.00)	41,479	41,594 GF (1.00)	41,594
0027	Restore Bdgt & Grants/Data Processing to 90 levels allowing for local recreation grant processing, & continuation of information processing activities.	158,784 GF (4.00) OT	95,270 63,514	159,014 GF (4.00) OT	95,408 63,606
0028	Restore administrative support to FY 90 level providing for records mgt & deer license processing activities.	58,039 GF (2.40) OT	34,823 23,216	58,039 GF (2.40) OT	34,823 23,216
0029	OUTDOOR RECREATION Restore planning staff to maintain the statewide comprehensive outdoor recreation plan and provide impact analysis of DNR policies.	92,390 GF (2.00) OT	55,434 36,956	92,390 GF (2.00) OT	55,434 36,956
0030	PUBLICATIONS Restore personnel for newsletter, radio, tv spot production.	127,156 GF (3.00) OT	76,294 50,862	127,271 GF (3.00) OT	76,363 50,908

RANK	DESCRIPTION	TOTAL DEPT REQUEST FY 1990 - 1991			TOTAL DEPT REQUEST FY 1991 - 1992		
		EXPEND/FTE	GF \$	APPROPRIATION	EXPEND/FTE	GF \$	APPROPRIATION
0031	FARM FORESTRY Restore farm forestry program to 100% of FY 90 level.	(86,000	2.00)	86,000	(86,000	2.00)	86,000
0032	PUBLICATIONS Restore field information and education activities to the FY 90 level.	(66,815	2.00)	40,089	(66,815	2.00)	40,089
0033	LEGAL Restore administrative asst to legal to provide project tracking and monitoring activities for the section.	(31,794	1.00)	19,076	(31,794	1.00)	19,076
0034	PUBLICATIONS Restore graphic support for technical report and brochure production activities.	(49,171	1.50)	29,503	(49,171	1.50)	29,503
0035	AIR QUALITY Provide for implementation of an on-going air quality toxics monitoring, permitting & inspection program.	(789,000	9.00)	789,000	(789,000	5.00)	789,000
0036	CONST GRANTS NON-GRANT Enhance the Departments ability to conduct detailed assessments & evaluations of Iowa's surface water streams & rivers.	(493,000	3.00)	493,000	(493,000	3.00)	493,000
0037	GROUNDWATER QUALITY PLANNING Provide for implementation of a statewide groundwater monitoring program consisting of 615 fixed station long-term monitoring wells.	(577,000	1.00)	577,000	(577,000	1.00)	577,000
0038	MISSISSIPPI RIVER MONITORING Utilize increased federal funds to expand the Mississippi Monitoring Program.	(116,453	5.00)	116,453	(140,789	7.00)	140,789
0039	LAND ACQUISITION/MGMT BUREAU Provide for additional land acquisition personnel to handle the open spaces acquisition program under the Resource Enhancement & Protection prog.	(49,850	1.00)		(49,850	1.00)	
0040	ADMINISTRATIVE SUPPORT BUREAU Provide for improved records mgt capability through the purchase of additional filing equipment & optical scanning equipment.	(30,000		30,000	(30,000		30,000

NATURAL RESOURCES, DEPARTMENT OF
NATURAL RESOURCES
NATURAL RESOURCES DEPARTMENT OPERATIONS

STATE OF IOWA
DEPARTMENT OF MANAGEMENT
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RANK	DESCRIPTION	TOTAL DEPT REQUEST FY 1990 - 1991		TOTAL DEPT REQUEST FY 1991 - 1992	
		EXPEND/FTE	APPROPRIATION	EXPEND/FTE	APPROPRIATION
0041	ADMINISTRATIVE SERVICES DIV MGMT Provide for administrative cost increases for vehicle operation & depreciation as well as supply & other support cost categories.	\$ 134,600	GF \$ 80,760 OT 53,840	\$ 134,600	GF \$ 80,760 OT 53,840
0042	WASTE MGMT. AUTH. SOLID WASTE Provide additional technical, educational, & promotional capabilities associated with implementation of recycling programs.	(178,500	GF 178,500	(178,500	GF 178,500
0043	LOESS HILLS Provide additional funds for equipment and maintenance of the newly acquired Loess Hills Pioneer State Forest.	40,000	GF 40,000	40,000	GF 40,000
0044	FARM FORESTRY Provide staffing & support for additional forestry management assistance to implement the forestry cost share program.	(87,000	GF 87,000	(87,000	GF 87,000
0045	GEOLOGICAL SURVEY BUREAU MGMT Replace truck which carries the drilling rig & provide for drill maintenance.	42,000	GF 42,000	42,000	GF 42,000
0046	PRESERVES/ECOL SERVICES BUREAU Provide funding for maintenance of State Preserves, scientific studies, & development of Preserves Management Plans.	(30,000	GF 30,000	(30,000	GF 30,000
0047	WELL-CAPPING GRANTS Provide for plugging of 50 abandoned DNR wells per year. FY 91 & 92 would be years 1 & 2 of a 5 year program.	40,000	GF 40,000	40,000	GF 40,000
0048	Provide additional funds for equipment and maintenance of existing state forest areas.	60,000	GF 60,000	60,000	GF 60,000
0049	NON-GAME RESEARCH Provide for non-game program expansion utilizing state general fund monies.	(200,000	GF 200,000	(200,000	GF 200,000
0050	WATER RESOURCES Develop information on new sand aquifer for ag use in drought prone western Iowa.	29,200	GF 29,200	29,200	GF 29,200

NATURAL RESOURCES, DEPARTMENT OF
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NATURAL RESOURCES DEPARTMENT OPERATIONS

STATE OF IOWA
DEPARTMENT OF MANAGEMENT
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RANK	DESCRIPTION	TOTAL DEPT REQUEST FY 1990 - 1991		TOTAL DEPT REQUEST FY 1991 - 1992	
		EXPEND/FTE	APPROPRIATION	EXPEND/FTE	APPROPRIATION
0051	GEOLOGICAL & MINERAL RESOURCES Provide for microscopic analysis & description of 9200 sets of backlogged drill samples.	\$ (35,350 GF \$ 1.00)	35,350	\$ (35,350 GF \$ 1.00)	35,350
0052	DIRECTED PROJECTS Provide for the purchase of digital map data & landstat data as well as a raster plotter for the Geographical information system.	65,000 GF	65,000	65,000 GF	65,000
0053	WATER RESOURCES Investigate Missouri River water resources and quality to assess water availability for S.W. Iowa during drought periods.	(29,800 GF .50)	29,800	(29,800 GF .50)	29,800
0054	LAW ENFORCEMENT BUREAU MGMT Provide for two additional Conservation Officers as required in HF-88 if additional funds are available from sale of non-res Deer/Turkey lic.	(125,500 2.00) OT	125,500	(125,500 2.00) OT	125,500
0055	LEGISLATIVE LIASION Pay for membership dues in the Upper Mississippi and Missouri River Basin Associations	50,000 GF	50,000	50,000 GF	50,000
TOTAL		\$ (49,764,094 GF \$ 1,000.72) OT	16,330,246	\$ (49,614,861 GF \$ 998.72) OT	16,346,914

ESTIMATED FY 1989-90

\$ 46,569,467 GF \$ 13,441,699
(973.10) OT 20,030,549

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90001542672 0099
REVENUE

STATE OF IOWA
DEPARTMENT OF MANAGEMENT
BUDGET WORKSHEETS FOR 1990-1992 BIENNium
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RANK	DESCRIPTION	TOTAL DEPT REQUEST FY 1990 - 1991		TOTAL DEPT REQUEST FY 1991 - 1992	
		EXPEND/FTE	APPROPRIATION	EXPEND/FTE	APPROPRIATION
0001	WELL-CAPPING GRANTS	\$ 40,000	GF \$ 40,000	\$ 40,000	GF \$ 40,000
Provide for plugging of 50 abandoned DNR wells per year. FY 91 & 92 would be years 1 & 2 of a 5 year program.					
TOTAL		\$ 650,000	GF \$ 680,000	\$ 40,000	GF \$ 40,000
		ESTIMATED FY 1989-90			

STATE OF IOWA
DEPARTMENT OF MANAGEMENT
BUDGET WORKSHEETS FOR 1990-1992 BIENNIAL
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NATURAL RESOURCES, DEPARTMENT OF
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NATURAL RESOURCES DEPARTMENT OPERATIONS
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	ACTUAL FY 1 FY 1987-88	ACTUAL FY 1988-89	DEPT REV FY 1989-90	TOT DPT REQ FY 1990-91	TOT DPT REQ FY 1991-92
RESOURCES					
APPROPRIATIONS					
GNF-BIG SPRINGS MONITORING-D	\$ 479,522	\$ 1,263,895	\$ 653,697	\$ 654,075	\$ 654,120
GNF-GEN'L PROVISIONS-DNR	81,040	921,367	867,279	869,229	869,716
GNF-LANDFILL ALTERNATIVES-DN	23,198	194,426			
GNF-LANDFILL MONITORING-DNR	20,829	200,000			
GNF-RURAL WELLS ASSESSMENT-D	281,908	474,400	10,000		
GNF-STORAGE TANKS STUDY-DNR	35,051	316,102	66,206	66,225	66,316
GNF-HOUSEHOLD HAZ WASTE-DNR	96,401	178,030	158,024	160,031	160,067
GNF-WELL TESTING ADMIN 2 1/2-DN	126	24,329	29,716	40,288	40,288
GNF-GMTR MONITORING-DNR	156,424	244,214	293,119	292,402	292,936
GNF-WASTE MGMT AUTH.-DNR	100,447	170,528	177,812		
GNF-LANDFILL ALTERNATIVES-DN		200,632	198,877	199,015	199,015
NATURAL RESOURCES OPERATIONS	10,529,892	11,813,428	13,441,699	16,330,246	16,346,914
F&G-OPERATIONS-DNR	14,691,872	16,011,043	17,179,415	17,391,257	17,437,425
MFT-OPERATIONS-DNR	397,179	397,179	400,000	400,000	400,000
APPROPRIATIONS SUBTOTAL	26,893,889	32,208,941	33,477,599	36,402,630	36,466,797
RECEIPTS					
FEDERAL SUPPORT	4,965,069	5,094,788	6,986,373	6,977,007	6,985,640
LOCAL GOVERNMENTS		6,540	6,000	6,000	6,000
INTRA STATE RECEIPTS	1,121,427	22,643,303	2,357,115	2,355,685	2,356,202
REIMB. FROM OTHER AGENCIES		81,192	91,000	91,000	91,000
FEES, LICENSES & PERMITS		820	1,616	1,616	1,616
REFUNDS & REIMBURSEMENTS	150,755	138,198	1,095,567	1,103,432	1,104,184
OTHER SALES & SERVICES	36,744	35,097	33,000	33,000	33,000
RECEIPTS SUBTOTAL	6,273,995	28,000,139	10,570,671	10,567,740	10,577,642
TRANSFERS					
G.S. INFO. SERV. DIV.	125,000				
GENERAL SERVICES RENTAL SPA	125,000				
REAP FUND - NATURAL RES.			49,850	49,850	49,850
CONS FND - NATURAL RES.	1,949,456		1,558,374	1,558,374	1,558,374
CONS ADMIN - NATURAL RES.	371,120		470,500	470,500	470,500
CONS FND - NATURAL RES.			715,000	715,000	715,000
TOTAL RESOURCES	\$ 35,738,460	\$ 60,209,080	\$ 46,792,144	\$ 49,764,094	\$ 49,838,163
FTE POSITIONS	869.42	931.23	968.81	1000.72	998.72
DISPOSITION OF RESOURCES					

STATE OF IOWA
DEPARTMENT OF MANAGEMENT
BUDGET WORKSHEETS FOR 1990-1992 BIENNIIUM
BU / FUND - BUDGET COMPARISON

NATURAL RESOURCES, DEPARTMENT OF
NATURAL RESOURCES
NATURAL RESOURCES DEPARTMENT OPERATIONS

90001542G72

	ACTUAL FY 1 FY 1987-88	ACTUAL FY 1988-89	DEPT REV FY 1989-90	TOT DPT REQ FY 1990-91	TOT DPT REQ FY 1991-92
DISPOSITION OF RESOURCES					
TRANSFERS					
EXPENDITURES					
PERSONAL SERVICES	\$ 24,360,441	\$ 27,505,735	\$ 30,330,773	\$ 31,747,823	\$ 31,821,892
PERSONAL TRAVEL	687,439	750,711	882,107	926,807	926,807
STATE VEHICLE OPERATION	709,783	797,571	894,426	928,426	928,426
DEPRECIATION	919,035	1,050,635	1,151,422	1,255,422	1,232,422
OFFICE SUPPLIES	700,156	768,822	714,256	786,006	786,006
FACILITY MAINTENANCE SUPPLIE	887,047	828,237	1,272,759	1,319,759	1,319,759
EQUIPMENT MAINTENANCE SUPPLI	787,869	797,256	840,499	872,899	872,899
PROF. & SCIENTIFIC SUPPLIES	17,749	2,974	23,546	23,546	23,546
AG., CONSERVATION & HORT SUPP	428,007	417,210	501,090	530,490	530,490
OTHER SUPPLIES	240,517	329,226	250,122	314,172	314,172
PRINTING & BINDING	589,545	555,526	841,883	876,683	876,683
UNIFORMS & RELATED ITEMS	188,168	180,249	199,095	204,895	204,895
COMMUNICATIONS	485,862	512,391	538,282	549,582	549,582
RENTALS	117,528	134,922	140,940	147,940	147,940
UTILITIES	546,935	600,190	600,227	600,227	600,227
PROF & SCIENTIFIC SERVICES	1,908,128	2,043,045	4,271,993	5,385,993	5,615,993
OUTSIDE SERVICES	600,531	456,381	504,364	506,064	506,064
INTRA-STATE TRANSFERS	85,825				
ADVERTISING & PUBLICITY	29,034	25,859	48,850	58,850	58,850
DATA PROCESSING	308,185	316,128	364,218	380,318	380,318
AUDITOR OF STATE REIMBURSEME	50,522	107,108	112,000	112,000	112,000
REIMBURSEMENTS TO OTHER AGEN	176,465	136,131	165,198	164,798	164,798
EQUIPMENT	880,276	1,276,193	1,498,332	2,052,932	1,845,932
OTHER EXPENSE & OBLIGATIONS	3,131	3,381	12,100	12,100	12,100
LICENSES.	3,116	1,746	3,662	6,362	6,362
STATE AID			600,000		
EXPENDITURES SUBTOTAL	35,711,294	39,597,627	46,762,144	49,764,094	49,838,163
REVERSIONS					
UNSPENT BALANCE	27,166	20,611,453	30,000		
TOTAL DISPOSITION OF RESOURCES	\$ 35,738,460	\$ 60,209,080	\$ 46,792,144	\$ 49,764,094	\$ 49,838,163

NATURAL RESOURCES, DEPARTMENT OF
NATURAL RESOURCES

NATURAL RESOURCES DEPARTMENT OPERATIONS

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STATE OF IOWA
DEPARTMENT OF MANAGEMENT
BUDGET WORKSHEETS FOR 1990-1992 BIENNIIUM
BU / FUND - PERSONNEL SERVICES SUMMARY

SCHEDULE 7 BU/F RECAP
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CLASS	CLASS NAME	ACTUAL FY 1 FY 1987-88	ACTUAL FY 1988-89	DEPT REV FY 1989-90	TOT DPT REQ FY 1990-91	TOT DPT REQ FY 1991-92
00011	CLERK	\$	\$	\$ 5,700	\$ 5,700	\$
00012	CLERK TYPIST II	21,539	11,653	.40	.40	5,700
00013	CLERK TYPIST III	1.30	.74	13,494	13,814	.40
00017	CLERK III	126,342	37,186	.80	.80	13,814
00018	CLERK IV	6.80	1.92	94,741	95,797	.80
00025	SECRETARY I	69,029	67,784	4.90	4.90	95,799
00026	SECRETARY II	3.73	3.52	100,249	100,299	4.90
00030	OFFICE SVCS SUPV I	272,698	315,615	5.00	5.00	100,299
00031	OFFICE SERV. SUPV. II	12.87	13.64	368,082	371,734	5.00
00061	WORD PROCESSOR II	112,178	322,703	14.75	14.75	371,734
00063	WORD PROCESSOR III	5.41	14.25	328,123	332,059	14.75
00103	DATA ENTRY OPERATOR I	121,701	46,766	13.55	13.55	332,059
00104	DATA ENTRY OPERATOR II	4.92	1.76	28,475	28,475	13.55
00112	SYSTEM SUPPORT MKR II	28,239	29,718	1.00	1.00	28,475
00151	COMPUTER PROGRAMMER	.99	.99			1.00
00152	PROGRAMMER/ANALYST	23,623		33,100	33,100	33,100
00156	SYSTEMS ANALYST	.87		1.00	1.00	1.00
00157	SENIOR SYSTEMS ANALYST	198,203	201,211	222,333	225,637	225,637
00159	SEN. SYSTEMS ANAL (SUPV	10.08	9.69	10.00	10.00	10.00
00193	DATA PROCESS ADM II	46,693	50,144	54,577	54,871	54,871
00205	PURCHASING ASSISTANT	1.99	1.99	2.00	2.00	2.00
00210	PURCHASING AGENT I	27,290	66,895	87,154	89,796	89,796
00236	STOREKEEPER II	1.68	4.16	5.00	5.00	5.00
00260	MAIL CLERK I	6.061	18,763	20,971	21,513	21,513
00290	ACCOUNTING TECH I	.34	.99	1.00	1.00	1.00
		.99	.99	23,133	23,159	23,159
				1.00	1.00	1.00
			2,131	53,866	54,786	54,786
			.07	2.00	2.00	2.00
		168,215	188,166	160,073	162,192	162,244
		5.91	6.18	5.00	5.00	5.00
		76,416	111,737	184,843	186,819	186,911
		2.30	3.23	5.00	5.00	5.00
		76,238	80,155			
		1.99	1.99			
		38,405	42,273			
		.99	.99			
		49,224	54,018			
		.99	.99			
		21,653	22,722			
		.99	.99			
		25,500	27,618			
		.99	.99			
		19,971	29,898			
		.97	1.39			
		10,480	17,077			
		.65	.98			
		21,398	22,823			
		.99	.99			
				138,983	138,983	138,983
				3.00	3.00	3.00
				58,655	59,077	59,077
				1.00	1.00	1.00
				24,662	24,662	24,662
				1.00	1.00	1.00
				28,862	28,862	28,862
				1.00	1.00	1.00
				44,796	45,153	45,153
				2.00	2.00	2.00
				17,173	17,653	17,653
				1.00	1.00	1.00
				25,228	25,228	25,228
				1.00	1.00	1.00

STATE OF IOWA
DEPARTMENT OF MANAGEMENT
BUDGET WORKSHEETS FOR 1990-1992 BIENNium
BU / FUND - PERSONNEL SERVICES SUMMARY

NATURAL RESOURCES, DEPARTMENT OF
NATURAL RESOURCES
NATURAL RESOURCES DEPARTMENT OPERATIONS

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CLASS	CLASS NAME	ACTUAL FY 1 FY 1987-88	ACTUAL FY 1988-89	DEPT REV FY 1989-90	TOT DPT REQ FY 1990-91	TOT DPT REQ FY 1991-92
00292	ACCOUNTING TECH II	\$ 91,907	\$ 98,611	\$ 81,249	\$ 55,164	\$ 55,164
		3.99	3.99	3.00	2.00	2.00
00305	ACCOUNTING CLERK I	31,535	39,923	41,950	42,003	42,003
		1.78	1.99	2.00	2.00	2.00
00306	ACCOUNTING CLERK II	95,418	105,489	115,287	143,286	143,286
		4.84	4.99	5.00	6.00	6.00
00311	ACCOUNTANT II	29,548	16,114			
		.99	.49			
00641	COMPLIANCE OFFICER 2	158,966	169,389	136,780	137,595	137,910
		3.99	3.99	3.00	3.00	3.00
00642	COMPLIANCE OFFICER 3	49,255	51,604	104,600	104,703	104,818
		.99	.99	2.00	2.00	2.00
00673	INDUSTRIAL HYGIENIST	11,055	37,011	39,225	39,383	39,498
		.30	.99	1.00	1.00	1.00
00692	ADMINISTRATIVE OFFICER	44,425	68,975	72,362	72,599	72,754
		1.36	1.87	2.00	2.00	2.00
00693	EXECUTIVE ASST I	244,856	214,942	307,635	312,219	313,005
		7.49	6.00	8.00	8.00	8.00
00694	EXECUTIVE ASSISTANT II	85,693	174,322	234,525	237,623	238,140
		2.07	3.99	5.00	5.00	5.00
00705	ADMINISTRATIVE INTERN			46,012	46,012	46,012
				2.47	2.47	2.47
00708	ADMINISTRATIVE ASST I	203,758	229,751	319,178	322,249	322,249
		8.11	8.96	12.00	12.00	12.00
00709	ADMINISTRATIVE ASST II	117,819	148,863	180,643	182,567	182,567
		4.19	5.19	6.00	6.00	6.00
00722	BUDGET ANALYST II	32,499	34,919	36,496	36,609	36,724
		.99	.99	1.00	1.00	1.00
00734	MANAGEMENT ANALYST II	31,084	25,753			
		.99	.76			
00744	STAT RESEARCH ANAL II	12,216				
		.46				
00750	INFO SPECIALIST I	21,200	11,301			
		.99	.49			
00751	INFO SPECIALIST II	126,446	162,803	186,610	189,261	189,261
		4.31	5.41	6.00	6.00	6.00
00754	INFO SPECIALIST III	101,537	109,715	118,538	121,686	121,973
		2.99	2.99	3.00	3.00	3.00
00763	PERSONNEL AIDE	15,827				
		.69				
00767	TRNG OFFICER 2	45,284	122,588	134,745	137,053	137,283
		1.46	3.96	4.00	4.00	4.00
00770	PERSONNEL AIDE	30,747	48,274	51,174	51,301	51,301
		1.30	1.99	2.00	2.00	2.00
00781	PUBLIC SERV EXEC I	77,668	79,800	120,870	123,179	123,367
		2.09	2.15	3.00	3.00	3.00
00782	PUBLIC SERV EXEC II	898,633	931,088	1,002,855	1,018,052	1,020,881
		23.34	22.25	22.00	22.00	22.00
00784	PUBLIC SERV EXEC III	718,169	794,931	874,437	891,796	893,478
		16.53	16.80	17.00	17.00	17.00

NATURAL RESOURCES, DEPARTMENT OF
NATURAL RESOURCES
NATURAL RESOURCES DEPARTMENT OPERATIONS
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STATE OF IOWA
DEPARTMENT OF MANAGEMENT
BUDGET WORKSHEETS FOR 1990-1992 BIENNIAL
BU / FUND - PERSONNEL SERVICES SUMMARY

SCHEDULE 7 BU/F RECAP
(PERSONNEL SERVICES SUMMARY)
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CLASS	CLASS NAME	ACTUAL FY 1 FY 1987-88	ACTUAL FY 1988-89	DEPT REV FY 1989-90	TOT DPT REQ FY 1990-91	TOT DPT REQ FY 1991-92
00786	PUBLIC SERV EXEC IV	\$ 553,139	\$ 610,508	\$ 656,916	\$ 662,606	\$ 665,304
00787	PUBLIC SERV EXEC V	10.63	10.99	11.00	11.00	11.00
04020	PROGRAM PLANNER I	393,228	431,744	462,907	471,468	473,452
04022	PROGRAM PLANNER II	6.96	6.99	8.00	7.00	7.00
04023	PROGRAM PLANNER III	32,155	86,248	141,268	293,790	293,790
04024	PROGRAM & PLANNING ADM	1.26	3.19	5.00	10.00	10.00
04025	PROGRAM & PLANNING ADM	152,741	242,813	251,818	255,249	255,275
04068	OUTDOOR RECREAT PLAN II	5.42	8.40	8.00	8.00	8.00
04069	OUTDOOR RECREAT PLAN II	33,466	169,019	296,492	312,712	313,426
04111	RIGHT OF WAY AGENT II	.99	4.77	8.00	8.00	8.00
04112	RIGHT OF WAY AGENT 3	34,637	38,694	42,402	44,236	44,312
04256	FAC ENGR I	43,654	45,705	47,972	48,097	48,212
04305	ENGINEERING AIDE I	.99	.99	1.00	1.00	1.00
04306	ENGINEERING AIDE II	18,903	20,593	22,709	22,962	22,962
04321	CONSTRUCTION TECH. II	.99	.99	1.00	1.00	1.00
04322	CONSTRUCTION TECH. III	217,021	32,338	29,188	29,188	29,188
04323	DISTRICT CONST TECH	6.99	1.07	1.00	1.00	1.00
04325	ASST SURVEY PARTY CHIEF	36,625	38,441	40,442	40,580	40,695
04356	DESIGN TECHNICIAN II	.99	.99	1.00	1.00	1.00
04357	DESIGN TECHNICIAN III	22,877	198,934	218,892	219,509	220,199
04358	DESIGN TECHNICIAN IV	.96	5.76	6.00	6.00	6.00
04361	DESIGN TECHNICIAN 5	20,189	25,659	29,139	29,213	29,213
04363	ARCHITECTURAL TECH I	.99	.97	1.00	1.00	1.00
04400	GEOLOGICAL AIDE	77,816	72,488	88,979	89,327	89,327
04401	GEOLOGICAL TECHNICIAN	2.99	2.61	3.00	3.00	3.00
		30,505	47,617	68,797	69,563	69,596
		.99	1.46	2.00	2.00	2.00
		36,808	16,620			
		.99	.05			
		27,247	29,950	32,952	33,027	33,027
		.99	.99	1.00	1.00	1.00
		1,148	9,273	19,540	19,840	19,840
		.07	.53	1.00	1.00	1.00
		46,902	55,790	71,498	86,284	86,284
		2.24	2.53	3.00	3.50	3.50

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NATURAL RESOURCES, DEPARTMENT OF
NATURAL RESOURCES
NATURAL RESOURCES DEPARTMENT OPERATIONS

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STATE OF IOWA
DEPARTMENT OF MANAGEMENT
BUDGET WORKSHEETS FOR 1990-1992 BIENNium
BU / FUND - PERSONNEL SERVICES SUMMARY

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CLASS	CLASS NAME	ACTUAL FY 1 FY 1987-88	ACTUAL FY 1988-89	DEPT REV FY 1989-90	TOT DPT REQ FY 1990-91	TOT DPT REQ FY 1991-92
04405	GEOLOGIST I	\$ 91,848	\$ 160,983	\$ 276,578	\$ 280,438	\$ 280,438
04406	GEOLOGIST II	3,42	5,73	9,25	9,25	9,25
04407	GEOLOGIST 3	97,611	58,335	74,047	110,152	110,305
04410	GEOLOGIST 4	2,99	1,69	2,00	3,00	3,00
04516	ENVIRONMENTAL PROG SUPV	442,148	551,833	614,778	628,679	630,129
04517	ENVIRONMENTAL SPEC I	11,99	13,76	14,00	14,00	14,00
04518	ENVIRONMENTAL SPEC II	173,574	190,317	205,868	208,706	209,167
04519	ENVIRONMENTAL SPEC III	3,99	3,99	4,00	4,00	4,00
04520	ENV. ENG. I	634,174	655,946	674,297	676,949	678,379
04521	ENV. ENG. II	13,07	12,99	13,00	13,00	13,00
04522	ENV. ENG. III	7,622	295,938	292,127	299,431	299,431
04525	PARK ATTENDANT	32	11,18	10,25	10,25	10,25
05210	PARK RANGER I	1,193,712	1,301,849	1,606,997	1,869,345	1,871,896
05215	PARK RANGER II	36,88	38,54	45,75	52,75	48,75
05217	PARK RANGER III	764,832	1,016,032	1,234,495	1,404,603	1,407,335
05225	ASSOC SUPT-CONSERVATION	20,58	25,88	30,00	34,00	34,00
05300	NATURAL RESOURCES AIDE	56,106	26,148	65,674	66,399	66,403
05301	CONSERVATION WORKER	1,96	84	2,00	2,00	2,00
05303	FISHERIES TECHNICIAN	540,751	641,585	823,004	885,650	887,257
05312	FISHERIES BIOLOGIST I	15,70	17,78	22,00	23,00	23,00
05313	FISHERIES BIOLOGIST II	651,751	711,259	771,107	828,847	830,456
05331	WILDLIFE TECHNICIAN	15,24	15,25	16,00	17,00	17,00
05332	WILDLIFE BIOLOGIST I	1,011,190	1,034,847	1,158,321	1,168,147	1,168,147
05333	WILDLIFE BIOLOGIST II	46,19	43,64	45,09	45,09	45,09
05355	CONSERVATION OFFICER	185,888	178,764	195,640	198,171	198,171
		6,49	5,99	6,00	6,00	6,00
		705,338	734,232	785,890	791,933	794,666
		20,72	20,99	21,00	21,00	21,00
		891,226	905,163	982,977	990,206	993,965
		25,75	25,53	26,00	26,00	26,00
		17,391				
		.42				
		13,642				
		1,09				
		970,008	1,022,738	1,125,274	1,134,477	1,134,477
		48,12	48,14	50,05	50,05	50,05
		649,351	726,784	842,251	876,088	876,318
		27,69	29,41	33,00	33,00	33,00
		148,473	183,289	199,845	202,567	202,800
		4,99	5,80	6,00	6,00	6,00
		867,604	924,404	1,005,303	981,788	984,633
		23,99	24,15	25,00	25,00	25,00
		714,915	770,110	794,009	797,256	797,256
		29,26	29,76	29,00	29,00	29,00
		25,182	34,501	62,592	63,079	63,079
		.99	1,23	2,00	2,00	2,00
		1,052,438	1,078,437	1,150,882	1,190,127	1,193,298
		29,99	28,60	29,00	30,00	30,00
		2,449,281	2,613,091	2,957,547	3,081,458	3,089,146
		80,13	81,12	82,00	84,00	84,00

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STATE OF IOWA
DEPARTMENT OF MANAGEMENT
BUDGET WORKSHEETS FOR 1990-1992 BIENNIIUM
BU / FUND - PERSONNEL SERVICES SUMMARY

NATURAL RESOURCES, DEPARTMENT OF
NATURAL RESOURCES
NATURAL RESOURCES DEPARTMENT OPERATIONS

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CLASS	CLASS NAME	ACTUAL FY 1 FY 1987-88	ACTUAL FY 1988-89	DEPT REV FY 1989-90	TOT DPT REQ FY 1990-91	TOT DPT REQ FY 1991-92
05356	CONSERV PROGRAM COOR	\$ 15,239	\$	\$	\$	\$
05410	FORESTRY LEADER I	265,766	275,358	324,995	351,903	351,903
05411	FORESTRY LEADER II	11.84	11.73	13.00	14.00	14.00
05415	FORESTER I	3.26	3.99	4.00	4.00	4.00
05416	FORESTER II	11,051	7,464	51,000	103,000	103,000
05417	FORESTER III	15.48	16.18	17.00	18.00	18.00
05446	NAT RESOURCES ENGR	86,227	34,085	129,171	129,444	129,674
05447	SR NAT RESOURCES ENGR	32,238	35,379	38,754	39,150	39,265
07005	CUSTODIAL WORKER	37,109	40,778	44,340	45,157	45,258
07010	CUSTODIAL LEADER	16,550	17,718	15,828	15,852	15,852
08004	ENERGY MGMT. TECH.	20,109	21,036	22,076	22,101	22,101
08005	MAINT. WORKER I	22,384	22,438	27,726	28,254	28,254
08012	FACILITIES MAINT COORD	3,902	11,917	23,591	23,591	23,591
08016	MAINTENANCE REPAIRER	52,080	55,189	58,780	58,888	58,888
08020	MAINT REPAIRS LEADER	70,715	57,032	76,747	76,798	76,798
08021	MAINT REPAIRS SUPV	2.99	2.05	3.20	3.20	3.20
08041	CARPENTER II	7,538	19,916	31,151	31,151	31,151
08516	PHOTOGRAPHER	30,863	32,249	34,930	35,043	35,115
08518	GRAPHIC ARTIST	23,980	24,973	25,952	25,955	25,955
08650	GEOLOGY RESEARCH DRILLE	27,098	27,716	29,149	29,187	29,187
09474	DIR DEPT OF NATURAL RES	64,214	68,211	72,851	73,358	73,358
14000	BOARD, COMM., COUNCIL M	2.49	2.49	2.50	2.50	2.50
95002	SECRETARY 3	27,148	28,505	30,345	30,419	30,419
99020	EXTRA HELP	62,099	67,304	71,238	71,238	71,238
99025	OVERTIME	14,978	14,841	28,000	28,000	28,000
		57,296	57,415	62,314	62,706	62,706
		1,90	1.99	2.00	2.00	2.00
		1,260,592	1,699,717	1,627,951	1,629,286	1,653,622
		117.89	138.77	133.59	133.70	135.70
		35,157	37,543	17,500	17,500	17,500

STATE OF IOWA
 DEPARTMENT OF MANAGEMENT
 BUDGET WORKSHEETS FOR 1990-1992 BIENNium
 BU / FUND - PERSONNEL SERVICES SUMMARY

NATURAL RESOURCES, DEPARTMENT OF
 NATURAL RESOURCES
 NATURAL RESOURCES DEPARTMENT OPERATIONS
 90001542672

CLASS	CLASS NAME	ACTUAL FY 1987-88	ACTUAL FY 1988-89	DEPT REV FY 1989-90	TOT DPT REQ FY 1990-91	TOT DPT REQ FY 1991-92
99090	VACANCY FACTOR	\$	\$	-542,022 -18.02	-404,904 -12.72	-404,904 -12.72
99095	BALANCING ADJUSTMENT	993	51,217			
TOTAL SALARIES		\$ 24,360,441	\$ 27,505,735	\$ 30,330,773	\$ 31,747,823	\$ 31,821,892
TOTAL FTE POSITIONS		869.42	931.20	968.81	1000.72	998.72
		=====	=====	=====	=====	=====

NATURAL RESOURCES, DEPARTMENT OF

DATE 08/29/89

LARRY J. WILSON, DIRECTOR

STATUTORY AUTHORITY - 84, 93, 106, 107, 108, 108A, 109, 109A, 109B, 110, 110A, 110B, 111, 111A, 111B, 111C, 111D, 112, 161, 305, 308A, 321G, 455A, 455B, 455C, 455D, 469, and related sections. CODE 1987

DEPARTMENT'S MISSION STATEMENT:

To manage, protect, conserve, and develop Iowa's natural resources so that the quality of life for Iowans is significantly enhanced by the utilization and enjoyment of those resources.

OPERATIONS ANALYSIS - NATURAL RESOURCES DEPARTMENT OPERATIONS

BUDGET UNIT'S STATED GOALS:

The Department will seek to balance and concurrently implement all of the following components of its mission in all of its programs.

Actively encourage the wise and beneficial utilization and development of Iowa's natural resources so that those resources are available for others, present and future, to utilize and enjoy.

Support the development of renewable resources that minimize the need to consume non-renewable resources.

Support the development and implementation of practices that prevent or minimize the negative impact of human activities on long term natural resources management.

Develop, modify, implement, and manage programs that assign the cost of using and managing Iowa's natural resources to the people and businesses that benefit from the use and management.

Develop programs and facilities that provide all Iowans access to public natural resources for recreational enjoyment, education, aesthetic appeal, and quality of life.

Inform and educate Iowans about Iowa's natural resources and about how they can help to manage, develop, protect, and conserve those resources.

Inform and educate Iowans about how natural resource management and protection is fundamental to long-term sustainable economic vitality and quality of life.

Work to instill a conservation ethic in all Iowans.

SUBUNIT DESCRIPTION:

DIRECTOR'S OFFICE:

The Office of the Director includes the Director, Deputy Director, and clerical support. The Director provides overall direction, sets operational policy, ensures that Departmental actions are in accord with the policy established by the General Assembly and the Commission, and coordinates programs within the Department.

COORDINATION AND INFORMATION:

The Coordination & Information Division provides sound public policy in the area of natural resources and assists the Governor, General Assembly, and the DNR in the implementation of that policy; to educate and assist the public on the development, use, and management of the state's natural resources. The division provides legal services, information and education, policy analysis and planning, and acts as a legislative liaison.

ADMINISTRATIVE SERVICES DIV.:

The Administrative Services Division provides fiscal, administrative, and technical support and services to the operating divisions and programs. The division coordinates these activities with the Office of Mgt., the Dept. of Personnel, the Dept. of General Services, the Dept. Revenue and Finance, and federal grantor agencies. The division is comprised of the following sections: Finance, Budget and Grants, Administrative Support, Data Processing, Licensing, Construction Services, and Land Acquisition and Management.

PARKS, PRES. & RECREATION DIV.:

The Division of Parks, Recreation and Preserves is responsible for the development, operation and improvement of Iowa's state parks, recreation areas and access to lakes and streams. This responsibility is carried out for the purpose of providing quality outdoor recreation opportunities, in a pleasant outdoor environment at a reasonable cost to the public. The division is also responsible for the protection of unique natural areas and threatened and endangered species.

FORESTRY DIVISION:

The Forestry Division fosters environmental protection and strives to insure, for present and future generations, the greatest economic and social benefits from trees, forest land, and related resources.

ENERGY & GEOLOGICAL RESOURCES:

THE ENERGY & GEOLOGICAL RESOURCES DIVISION ASSISTS TO MANAGE THE STATES ENERGY, GEOLOGICAL AND WATER RESOURCES BY:

1. Providing sound public energy policy; maintaining energy supply/demand/ price information; being prepared to respond to an energy emergency; developing & promoting renewable and native energy resources; educating and assisting the public to use energy conservation measures; improving public building energy mgmt.; and carrying out programs for licensing mineral extraction; etc.

2. Collecting, interpreting, and reporting information on the State's Geological resources, serving as a principal repository for all geologic and hydrologic data; administering Code Chapter 84.

ENVIRONMENTAL PROTECTION DIV.:

The Environmental Protection Division seeks to conserve and enhance the air, water, and land resources of Iowa for the protection of public health, property, and the environment. The Division is comprised of the following bureaus: Air Quality & Solid Waste Protection Bureau, Field Evaluation & Emergency Response Bureau, and the Surface & Groundwater Protection Bureau.

FISH AND WILDLIFE DIVISION:

The Fish and Wildlife Division seeks to ensure the adequate protection, scientific management and wise use of Iowa's fish and wildlife natural resources, while providing a wide range of outdoor recreational opportunities for Iowan's.

WASTE MANAGEMENT AUTHORITY:

This division promotes the proper and safe management of solid, toxic, hazardous and low level wastes generated in Iowa through cooperation with other public and private agencies or operation of such state owned facilities as may be required. The division is totally funded from the recently created Groundwater Protection Fund.

STATE OF IOWA
DEPARTMENT OF MANAGEMENT
BUDGET WORKSHEETS FOR 1990-1992 BIENNIAL
ORGANIZATION - BUDGET COMPARISON

NATURAL RESOURCES, DEPARTMENT OF
NATURAL RESOURCES
NATURAL RESOURCES DEPARTMENT OPERATIONS
90001542G72 1000
DIRECTOR'S OFFICE

RESOURCES	ACTUAL FY 1 FY 1987-88	ACTUAL FY 1988-89	DEPT REV FY 1989-90	TOT DPT REQ FY 1990-91	TOT DPT REQ FY 1991-92
APPROPRIATIONS					
GHF-BIG SPRINGS MONITORING-D	1,118	\$	821	900	\$ 900
GHF-GEN'L PROVISIONS-DNR	336		4,220	4,633	4,638
GHF-LANDFILL ALTERNATIVES-DN	311				
GHF-LANDFILL MONITORING-DNR	292				
GHF-STORAGE TANKS STUDY-DNR	18		2,042	2,227	2,231
GHF-HOUSEHOLD HAZ WASTE-DNR	66		1,102	1,225	1,226
GHF-WELL TESTING ADMIN 2/-DN			359	398	398
GHF-GWTR MONITORING-DNR	2,149		2,970	3,230	3,236
GHF-WASTE MGMT AUTH.-DNR	1,063		1,598		
GHF-LANDFILL ALTERNATIVES-DN			2,050	2,215	2,217
NATURAL RESOURCES OPERATIONS	63,913	1,303,008	105,057	117,062	117,096
F&G-OPERATIONS-DNR	102,534	1,443,408	121,624	104,856	105,054
APPROPRIATIONS SUBTOTAL	171,800	2,746,416	241,843	236,746	236,996
RECEIPTS					
FEDERAL SUPPORT	57,755		44,983	50,453	50,506
INTRA STATE RECEIPTS	6,742		6,070	6,054	6,062
REFUNDS & REIMBURSEMENTS	1,024		5,525	6,645	6,651
RECEIPTS SUBTOTAL	65,521		56,578	63,152	63,219
TOTAL RESOURCES	237,321	\$ 2,746,416	\$ 298,421	\$ 299,898	\$ 300,215
FTE POSITIONS	3.98	4.00	5.95	5.95	5.95
DISPOSITION OF RESOURCES					
EXPENDITURES					
PERSONAL SERVICES	189,257	\$ 196,569	\$ 223,101	\$ 224,578	\$ 224,895
PERSONAL TRAVEL	31,780	32,170	40,000	40,000	40,000
OFFICE SUPPLIES	1,181	439	1,200	1,200	1,200
EQUIPMENT MAINTENANCE SUPPLI	1,089	929	1,200	1,200	1,200
OTHER SUPPLIES	967	143	120	120	120
PRINTING & BINDING	5,520	11,975	14,000	14,000	14,000
UNIFORMS & RELATED ITEMS	186				
COMMUNICATIONS	270	105			
RENTALS	595				
PROF & SCIENTIFIC SERVICES			6,000	6,000	6,000
OUTSIDE SERVICES	393	426	3,200	3,200	3,200
ADVERTISING & PUBLICITY	513				

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STATE OF IOWA
DEPARTMENT OF MANAGEMENT
BUDGET WORKSHEETS FOR 1990-1992 BIENNIIUM
ORGANIZATION - BUDGET COMPARISON

NATURAL RESOURCES, DEPARTMENT OF
NATURAL RESOURCES
NATURAL RESOURCES DEPARTMENT OPERATIONS
90001542672 1000
DIRECTOR'S OFFICE

	ACTUAL FY 1 FY 1987-88	ACTUAL FY 1988-89	DEPT REV FY 1989-90	TOT DPT REQ FY 1990-91	TOT DPT REQ FY 1991-92
DISPOSITION OF RESOURCES					
EXPENDITURES					
DATA PROCESSING	3,830	3,290	4,800	4,800	4,800
REIMBURSEMENTS TO OTHER AGEN	1,740	1,241			
EQUIPMENT		9,234	4,800	4,800	4,800
EXPENDITURES SUBTOTAL	237,321	256,521	298,421	299,898	300,215
UNSPENT BALANCE		2,489,895			
TOTAL DISPOSITION OF RESOURCES	\$ 237,321	\$ 2,746,416	\$ 298,421	\$ 299,898	\$ 300,215

STATE OF IOWA
DEPARTMENT OF MANAGEMENT
BUDGET WORKSHEETS FOR 1990-1992 BIENNIAL
ORGANIZATION - BUDGET COMPARISON

NATURAL RESOURCES, DEPARTMENT OF
NATURAL RESOURCES
NATURAL RESOURCES DEPARTMENT OPERATIONS
90001542G72 2000
COORDINATION AND INFORMATION

	ACTUAL FY 1 FY 1987-88	ACTUAL FY 1988-89	DEPT REV FY 1989-90	TOT DPT REQ FY 1990-91	TOT DPT REQ FY 1991-92
RESOURCES					
APPROPRIATIONS					
GF-BIG SPRINGS MONITORING-D	4,471	161,525	3,284	2,956	2,958
GF-GEN'L PROVISIONS-DNR	17,056		164,560	162,177	162,259
GF-LANDFILL ALTERNATIVES-DN	1,245				
GF-LANDFILL MONITORING-DNR	1,170				
GF-STORAGE TANKS STUDY-DNR	70		8,166	7,318	7,332
GF-HOUSEHOLD HAZ WASTE-DNR	265		4,409	4,026	4,028
GF-WELL TESTING ADMIN 2%-DN			1,436	1,309	1,309
GF-GWTR MONITORING-DNR	8,594		11,878	10,613	10,633
GF-WASTE MGMT AUTH.-DNR	4,253		6,390		
GF-LANDFILL ALTERNATIVES-DN			8,201	7,279	7,284
NATURAL RESOURCES OPERATIONS	631,593	621,042	818,614	893,158	894,247
F&G-OPERATIONS-DNR	410,134	404,601	486,498	509,809	510,541
APPROPRIATIONS SUBTOTAL	1,078,851	1,187,168	1,513,436	1,598,645	1,600,591
RECEIPTS					
FEDERAL SUPPORT	363,122	10,794	346,721	332,182	332,360
INTRA STATE RECEIPTS	26,967		52,590	49,788	49,810
REFUNDS & REIMBURSEMENTS	4,096		22,106	19,893	19,917
RECEIPTS SUBTOTAL	394,185	10,794	421,417	401,863	402,087
TRANSFERS					
CONS ADMIN - NATURAL RES.	371,120		470,500	470,500	470,500
TOTAL RESOURCES	1,844,156	1,197,962	2,405,353	2,471,008	2,473,178
FTE POSITIONS	37.22	41.40	40.45	39.45	39.45
DISPOSITION OF RESOURCES					
EXPENDITURES					
PERSONAL SERVICES	1,227,282	1,446,931	1,481,952	1,497,607	1,499,777
PERSONAL TRAVEL	28,580	33,463	45,800	45,800	45,800
STATE VEHICLE OPERATION	7,343	10,931	10,931	10,931	10,931
DEPRECIATION	7,935	12,315	17,700	17,700	17,700
OFFICE SUPPLIES	72,038	74,169	70,500	120,500	120,500
FACILITY MAINTENANCE SUPPLIE	21,021	11,773	24,000	24,000	24,000
EQUIPMENT MAINTENANCE SUPPLI	13,672	10,075	12,000	12,000	12,000
AG., CONSERVATION & HORT SUPP	620	659	500	500	500
OTHER SUPPLIES	41,347	37,109	28,700	28,700	28,700

STATE OF IOWA
DEPARTMENT OF MANAGEMENT
BUDGET WORKSHEETS FOR 1990-1992 BIENNIIUM
ORGANIZATION - BUDGET COMPARISON

NATURAL RESOURCES, DEPARTMENT OF
NATURAL RESOURCES
NATURAL RESOURCES DEPARTMENT OPERATIONS
90001542672 2000
COORDINATION AND INFORMATION

	ACTUAL FY 1 FY 1987-88	ACTUAL FY 1988-89	DEPT REV FY 1989-90	TOT DPT REQ FY 1990-91	TOT DPT REQ FY 1991-92
DISPOSITION OF RESOURCES					
EXPENDITURES					
PRINTING & BINDING	289,769	298,975	377,950	377,950	377,950
UNIFORMS & RELATED ITEMS	2,453	4,019	2,850	2,850	2,850
COMMUNICATIONS	11,510	11,514	9,200	9,200	9,200
RENTALS	1,565	1,199	850	850	850
UTILITIES	25,082	28,061	26,750	26,750	26,750
PROF & SCIENTIFIC SERVICES	7,985	66,392	130,420	130,420	130,420
OUTSIDE SERVICES	46,287	45,348	60,000	60,000	60,000
INTRA-STATE TRANSFERS	2,559				
ADVERTISING & PUBLICITY	2,473	5,749	12,500	12,500	12,500
DATA PROCESSING	6,014	8,873	19,600	19,600	19,600
REIMBURSEMENTS TO OTHER AGEN	9,540	5,149	5,000	5,000	5,000
EQUIPMENT	19,026	57,325	68,150	68,150	68,150
LICENSES	55				
EXPENDITURES SUBTOTAL	1,844,156	2,166,636	2,405,353	2,471,008	2,473,178
UNSPENT BALANCE		-968,674			
TOTAL DISPOSITION OF RESOURCES	\$ 1,844,156	\$ 1,197,962	\$ 2,405,353	\$ 2,471,008	\$ 2,473,178

STATE OF IOWA
DEPARTMENT OF MANAGEMENT
BUDGET WORKSHEETS FOR 1990-1992 BIENNIIUM
ORGANIZATION - BUDGET COMPARISON

NATURAL RESOURCES, DEPARTMENT OF
NATURAL RESOURCES
NATURAL RESOURCES DEPARTMENT OPERATIONS
90001542672 3000
ADMINISTRATIVE SERVICES DIV.

	ACTUAL FY 1 FY 1987-88	ACTUAL FY 1988-89	DEPT REV FY 1989-90	TOT DPT REQ FY 1990-91	TOT DPT REQ FY 1991-92
RESOURCES					
APPROPRIATIONS					
GMF-BIG SPRINGS MONITORING-D	10,380	\$	9,579	\$ 8,998	\$ 9,003
GMF-GEN'L PROVISIONS-DNR	3,125		49,232	46,330	46,379
GMF-LANDFILL ALTERNATIVES-DNR	2,889				
GMF-LANDFILL MONITORING-DNR	2,715		23,818	22,272	22,315
GMF-STORAGE TANKS STUDY-DNR	163		12,859	12,254	12,258
GMF-HOUSEHOLD HAZ WASTE-DNR	616		4,190	3,983	3,983
GMF-WELL TESTING ADMIN 2%-DNR			34,645	32,299	32,362
GMF-GHTR MONITORING-DNR	19,951		18,638		
GMF-WASTE MGMT AUTH.-DNR	9,872		23,918	22,152	22,168
GMF-LANDFILL ALTERNATIVES-DNR			1,620,327	2,033,631	2,033,254
NATURAL RESOURCES OPERATIONS	1,388,875	1,318,852	2,341,243	2,193,647	2,196,776
F&G-OPERATIONS-DNR	1,707,577	1,871,843			
APPROPRIATIONS SUBTOTAL	3,146,163	3,190,695	4,138,449	4,375,566	4,378,498
RECEIPTS					
FEDERAL SUPPORT	636,512		560,646	539,905	540,443
INTRA STATE RECEIPTS	362,599		405,272	400,478	400,542
REFUNDS & REIMBURSEMENTS	9,509		64,473	60,543	60,616
RECEIPTS SUBTOTAL	1,008,620		1,030,391	1,000,926	1,001,601
TRANSFERS					
REAP FUND - NATURAL RES.				49,850	49,850
TOTAL RESOURCES	4,154,783	\$ 3,190,695	\$ 5,168,840	\$ 5,426,342	\$ 5,429,949
FTE POSITIONS	114.43	118.51	124.15	125.15	125.15
DISPOSITION OF RESOURCES					
EXPENDITURES					
PERSONAL SERVICES	3,148,383	\$ 3,493,010	\$ 3,869,180	\$ 3,942,232	\$ 3,945,839
PERSONAL TRAVEL	46,788	50,069	61,400	71,900	71,900
STATE VEHICLE OPERATION	45,839	47,846	58,500	67,000	67,000
DEPRECIATION	55,780	60,650	68,500	84,000	84,000
OFFICE SUPPLIES	304,748	346,684	340,050	357,800	357,800
FACILITY MAINTENANCE SUPPLIE	1,300	366	1,700	15,700	15,700
EQUIPMENT MAINTENANCE SUPPLI	65,669	61,566	63,100	67,500	67,500
OTHER SUPPLIES	10,746	11,815	12,300	12,500	12,500
PRINTING & BINDING	27,525	21,798	27,275	28,875	28,875

NATURAL RESOURCES, DEPARTMENT OF
NATURAL RESOURCES
NATURAL RESOURCES DEPARTMENT OPERATIONS
90001542G72 3000
ADMINISTRATIVE SERVICES DIV.

STATE OF IOWA
DEPARTMENT OF MANAGEMENT
BUDGET WORKSHEETS FOR 1990-1992 BIENNium
ORGANIZATION - BUDGET COMPARISON

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	ACTUAL FY 1 FY 1987-88	ACTUAL FY 1988-89	DEPT REV FY 1989-90	TOT DPT REQ FY 1990-91	TOT DPT REQ FY 1991-92
DISPOSITION OF RESOURCES					
EXPENDITURES					
UNIFORMS & RELATED ITEMS	4,146	4,702	4,200	5,800	5,800
COMMUNICATIONS	183,727	192,482	222,860	229,660	229,660
RENTALS	746	4,516	1,900	1,900	1,900
PROF & SCIENTIFIC SERVICES			7,500	7,500	7,500
OUTSIDE SERVICES	39,930	8,615	35,950	37,650	37,650
INTRA-STATE TRANSFERS	1,763				
ADVERTISING & PUBLICITY	408	92	1,650	1,650	1,650
DATA PROCESSING	118,311	138,031	119,500	126,100	126,100
AUDITOR OF STATE REIMBURSEME	50,522	107,108	112,000	112,000	112,000
REIMBURSEMENTS TO OTHER AGEN	14,031	10,738	17,950	17,650	17,650
EQUIPMENT	34,305	98,193	143,175	236,175	236,175
OTHER EXPENSE & OBLIGATIONS	75				
LICENSES	41	16	150	2,750	2,750
EXPENDITURES SUBTOTAL	4,154,783	4,658,297	5,168,840	5,426,342	5,429,949
UNSPENT BALANCE		-1,467,602			
TOTAL DISPOSITION OF RESOURCES	\$ 4,154,783	\$ 3,190,695	\$ 5,168,840	\$ 5,426,342	\$ 5,429,949

NATURAL RESOURCES, DEPARTMENT OF
NATURAL RESOURCES
NATURAL RESOURCES DEPARTMENT OPERATIONS
90001542G72 4000
PARKS, PRES. & RECREATION DIV.

STATE OF IOWA
DEPARTMENT OF MANAGEMENT
BUDGET WORKSHEETS FOR 1990-1992 BIENNium
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SUMMARY

	ACTUAL FY 1 FY 1987-88	ACTUAL FY 1988-89	DEPT REV FY 1989-90	TOT DPT REQ FY 1990-91	TOT DPT REQ FY 1991-92
RESOURCES					
APPROPRIATIONS					
NATURAL RESOURCES OPERATIONS	\$ 4,433,917	\$ 4,471,753	\$ 5,403,733	\$ 5,470,592	\$ 5,479,375
MFT-OPERATIONS-DNR	397,179	397,179	400,000	400,000	400,000
APPROPRIATIONS SUBTOTAL	4,831,096	4,868,932	5,803,733	5,870,592	5,879,375
RECEIPTS					
FEDERAL SUPPORT	23,494		44,199	44,384	44,384
INTRA STATE RECEIPTS	161,779		275,892	275,816	275,816
RECEIPTS SUBTOTAL	185,273		320,091	320,200	320,200
TRANSFERS					
CONS FND - NATURAL RES.	1,449,456		1,558,374	1,558,374	1,558,374
TOTAL RESOURCES	\$ 6,465,825	\$ 4,868,932	\$ 7,682,198	\$ 7,749,166	\$ 7,757,949
FTE POSITIONS	193.39	204.75	207.05	208.05	208.05
DISPOSITION OF RESOURCES					
EXPENDITURES					
PERSONAL SERVICES	\$ 4,289,954	\$ 4,735,242	\$ 5,073,170	\$ 5,139,138	\$ 5,147,921
PERSONAL TRAVEL	74,038	76,300	80,000	81,000	81,000
STATE VEHICLE OPERATION	150,400	166,404	180,000	180,000	180,000
DEPRECIATION	251,320	254,870	287,694	287,694	287,694
OFFICE SUPPLIES	46,548	59,986	45,575	45,575	45,575
FACILITY MAINTENANCE SUPPLIE	439,742	501,921	692,568	692,568	692,568
EQUIPMENT MAINTENANCE SUPPLI	281,370	272,170	294,000	294,000	294,000
PROF. & SCIENTIFIC SUPPLIES			1,000	1,000	1,000
AG., CONSERVATION & HORT SUPP	16,950	18,100	19,500	19,500	19,500
OTHER SUPPLIES	21,821	71,305	26,944	26,944	26,944
PRINTING & BINDING	46,166	23,505	103,039	103,039	103,039
UNIFORMS & RELATED ITEMS	46,965	41,958	50,000	50,000	50,000
COMMUNICATIONS	68,498	78,987	66,692	66,692	66,692
RENTALS	23,781	23,151	24,640	24,640	24,640
UTILITIES	314,023	322,767	293,276	293,276	293,276
PROF & SCIENTIFIC SERVICES	58,995	31,489	60,645	60,645	60,645
OUTSIDE SERVICES	202,777	182,176	165,332	165,332	165,332
INTRA-STATE TRANSFERS	4,380				
ADVERTISING & PUBLICITY	3,349	1,596	4,080	4,080	4,080
DATA PROCESSING		6,042	8,000	8,000	8,000

NATURAL RESOURCES, DEPARTMENT OF
 NATURAL RESOURCES
 NATURAL RESOURCES DEPARTMENT OPERATIONS
 90001542672 4000
 PARKS, PRES. & RECREATION DIV.

STATE OF IOWA
 DEPARTMENT OF MANAGEMENT
 BUDGET WORKSHEETS FOR 1990-1992 BIENNium
 ORGANIZATION - BUDGET COMPARISON

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DISPOSITION OF RESOURCES					
EXPENDITURES					
REIMBURSEMENTS TO OTHER AGEN					
EQUIPMENT	5,341	11,208	2,925	2,925	2,925
OTHER EXPENSE & OBLIGATIONS	106,636	161,885	197,721	197,721	197,721
LICENSES	2,656	2,826	2,700	2,700	2,700
	1,265	463	2,697	2,697	2,697
EXPENDITURES SUBTOTAL	6,465,825	7,044,351	7,682,198	7,749,166	7,757,949
UNSPENT BALANCE		-2,175,419			
TOTAL DISPOSITION OF RESOURCES	\$ 6,465,825	\$ 4,868,932	\$ 7,682,198	\$ 7,749,166	\$ 7,757,949

STATE OF IOWA
DEPARTMENT OF MANAGEMENT
BUDGET WORKSHEETS FOR 1990-1992 BIENNIMUM
ORGANIZATION - BUDGET COMPARISON

NATURAL RESOURCES, DEPARTMENT OF
NATURAL RESOURCES
NATURAL RESOURCES DEPARTMENT OPERATIONS
90001542G72 5000
FORESTRY DIVISION

	ACTUAL FY 1 FY 1987-88	ACTUAL FY 1988-89	DEPT REV FY 1989-90	TOT DPT REQ FY 1990-91	TOT DPT REQ FY 1991-92
RESOURCES					
APPROPRIATIONS					
NATURAL RESOURCES OPERATIONS	\$ 1,257,925	\$ 1,242,881	\$ 1,508,273	\$ 1,784,039	\$ 1,786,558
RECEIPTS					
FEDERAL SUPPORT	104,293		114,650	114,650	114,650
TRANSFERS					
CONS FND - NATURAL RES.	500,000				
CONS FND - NATURAL RES.			715,000	715,000	715,000
TOTAL RESOURCES	\$ 1,862,218	\$ 1,242,881	\$ 2,337,923	\$ 2,613,689	\$ 2,616,208
FTE POSITIONS	46.46	50.77	53.60	57.71	57.71
DISPOSITION OF RESOURCES					
EXPENDITURES					
PERSONAL SERVICES	\$ 1,297,424	\$ 1,466,875	\$ 1,659,017	\$ 1,781,683	\$ 1,784,202
PERSONAL TRAVEL	32,585	32,193	39,535	42,735	42,735
STATE VEHICLE OPERATION	51,883	65,133	72,000	77,000	77,000
DEPRECIATION	106,275	109,475	112,900	121,900	121,900
OFFICE SUPPLIES	25,502	14,637	16,920	18,920	18,920
FACILITY MAINTENANCE SUPPLIE	24,231	30,830	30,000	53,000	53,000
EQUIPMENT MAINTENANCE SUPPLI	49,217	54,894	55,000	59,000	59,000
AG., CONSERVATION & HORT SUPP	80,459	63,958	108,278	127,678	127,678
OTHER SUPPLIES	8,659	36,940	15,900	15,900	15,900
PRINTING & BINDING	5,012	8,471	19,009	19,709	19,709
UNIFORMS & RELATED ITEMS	12,530	12,158	13,625	15,225	15,225
COMMUNICATIONS	22,168	25,944	23,995	26,995	26,995
RENTALS	17,772	19,574	17,200	17,700	17,700
UTILITIES	30,476	28,805	27,000	27,000	27,000
PROF & SCIENTIFIC SERVICES	4,683	1,500			
OUTSIDE SERVICES	72,050	39,034	42,800	42,800	42,800
INTRA-STATE TRANSFERS	1,465				
ADVERTISING & PUBLICITY	400	646	1,000	1,000	1,000
DATA PROCESSING	10,991	16,602	11,900	11,900	11,900
REIMBURSEMENTS TO OTHER AGEN	415	2,830	1,100	1,100	1,100
EQUIPMENT	7,675	19,294	70,404	152,104	152,104
LICENSES	346	70	340	340	340
EXPENDITURES SUBTOTAL	\$ 1,862,218	\$ 2,049,863	\$ 2,337,923	\$ 2,613,689	\$ 2,616,208
UNSPENT BALANCE		-806,982			
TOTAL DISPOSITION OF RESOURCES	\$ 1,862,218	\$ 1,242,881	\$ 2,337,923	\$ 2,613,689	\$ 2,616,208

STATE OF IOWA
DEPARTMENT OF MANAGEMENT
BUDGET WORKSHEETS FOR 1990-1992 BIENNium
ORGANIZATION - BUDGET COMPARISON

NATURAL RESOURCES, DEPARTMENT OF
NATURAL RESOURCES
NATURAL RESOURCES DEPARTMENT OPERATIONS
90001542G72 6000
ENERGY & GEOLOGICAL RESOURCES

	ACTUAL FY 1 FY 1987-88	ACTUAL FY 1988-89	DEPT REV FY 1989-90	TOT DPT REQ FY 1990-91	TOT DPT REQ FY 1991-92
RESOURCES					
APPROPRIATIONS					
GW-F-BIG SPRINGS MONITORING-D	\$ 463,553	\$ 1,253,895	\$ 640,013	\$ 641,221	\$ 641,259
GW-F-GEN'L PROVISIONS-DNR	60,523	724,033	296,781	298,214	298,329
GW-F-RURAL WELLS ASSESSMENT-D	281,908	446,400			
NATURAL RESOURCES OPERATIONS	968,864	980,505	1,247,525	1,474,927	1,477,443
APPROPRIATIONS SUBTOTAL	1,774,848	3,414,833	2,184,319	2,414,362	2,417,031
RECEIPTS					
FEDERAL SUPPORT	508,888	554,271	481,329	479,451	479,549
LOCAL GOVERNMENTS		6,540	6,000	6,000	6,000
INTRA STATE RECEIPTS	326,567		983,606	987,231	987,527
REIMB. FROM OTHER AGENCIES		81,192	91,000	91,000	91,000
FEES, LICENSES & PERMITS		820	1,616	1,616	1,616
REFUNDS & REIMBURSEMENTS	136,126	138,056	1,003,463	1,016,351	1,017,000
OTHER SALES & SERVICES		34,888	33,000	33,000	33,000
OTHER	36,744				
RECEIPTS SUBTOTAL	1,008,325	815,767	2,600,014	2,614,649	2,615,692
TOTAL RESOURCES	\$ 2,783,173	\$ 4,230,600	\$ 4,784,333	\$ 5,029,011	\$ 5,032,723
FTE POSITIONS	48.77	54.39	59.12	60.62	60.62
DISPOSITION OF RESOURCES					
EXPENDITURES					
PERSONAL SERVICES	\$ 1,572,098	\$ 1,873,948	\$ 2,161,890	\$ 2,253,218	\$ 2,256,930
PERSONAL TRAVEL	61,838	62,561	78,507	83,507	83,507
STATE VEHICLE OPERATION	17,953	23,504	26,540	26,540	26,540
DEPRECIATION	21,240	23,700	23,442	61,442	61,442
OFFICE SUPPLIES	10,814	9,059	13,596	13,596	13,596
FACILITY MAINTENANCE SUPPLIE	17,630	3,969	4,500	4,500	4,500
EQUIPMENT MAINTENANCE SUPPLI	1,574	7,844	4,100	16,100	16,100
PROF. & SCIENTIFIC SUPPLIES	17,684	2,940	15,846	15,846	15,846
OTHER SUPPLIES	42,165	39,726	28,200	32,050	32,050
PRINTING & BINDING	23,671	11,053	76,146	76,646	76,646
UNIFORMS & RELATED ITEMS		33			
COMMUNICATIONS	17,853	16,880	18,568	18,568	18,568
RENTALS	6,340	2,985	3,500	10,000	10,000
UTILITIES	712	11,644	19,750	19,750	19,750
PROF & SCIENTIFIC SERVICES	888,897	1,190,641	2,211,260	2,224,260	2,224,260

STATE OF IOWA
DEPARTMENT OF MANAGEMENT
BUDGET WORKSHEETS FOR 1990-1992 BIENNium
ORGANIZATION - BUDGET COMPARISON

NATURAL RESOURCES, DEPARTMENT OF
NATURAL RESOURCES
NATURAL RESOURCES DEPARTMENT OPERATIONS
90001542G72 6000
ENERGY & GEOLOGICAL RESOURCES

	ACTUAL FY 1 FY 1987-88	ACTUAL FY 1988-89	DEPT REV FY 1989-90	TOT DPT REQ FY 1990-91	TOT DPT REQ FY 1991-92
DISPOSITION OF RESOURCES					
EXPENDITURES					
OUTSIDE SERVICES	12,105	10,345	10,996	10,996	10,996
ADVERTISING & PUBLICITY	2,233	191			
DATA PROCESSING	22,614	9,800	14,168	14,168	14,168
REIMBURSEMENTS TO OTHER AGEN	4,720	8,698	6,273	6,273	6,273
EQUIPMENT	40,970	81,723	67,051	141,551	141,551
LICENSES	62				
EXPENDITURES SUBTOTAL	2,783,173	3,391,244	4,784,333	5,029,011	5,032,723
UNSPENT BALANCE		839,356			
TOTAL DISPOSITION OF RESOURCES	\$ 2,783,173	\$ 4,230,600	\$ 4,784,333	\$ 5,029,011	\$ 5,032,723

STATE OF IOWA
DEPARTMENT OF MANAGEMENT
BUDGET WORKSHEETS FOR 1990-1992 BIENNium
ORGANIZATION - BUDGET COMPARISON

NATURAL RESOURCES, DEPARTMENT OF
NATURAL RESOURCES
NATURAL RESOURCES DEPARTMENT OPERATIONS
90001542672 8000
FISH AND WILDLIFE DIVISION

	ACTUAL FY 1 FY 1987-88	ACTUAL FY 1988-89	DEPT REV FY 1989-90	TOT DPT REQ FY 1990-91	TOT DPT REQ FY 1991-92
RESOURCES					
APPROPRIATIONS					
NATURAL RESOURCES OPERATIONS	\$ 12,471,627	\$ 12,291,191	\$ 14,230,050	\$ 200,000	\$ 200,000
F&G-OPERATIONS-DNR				14,582,945	14,625,054
APPROPRIATIONS SUBTOTAL	12,471,627	12,291,191	14,230,050	14,782,945	14,825,054
RECEIPTS					
INTRA STATE RECEIPTS	236,773		390,921	391,601	391,601
TOTAL RESOURCES	\$ 12,708,400	\$ 12,291,191	\$ 14,620,971	\$ 15,174,546	\$ 15,216,655
FTE POSITIONS	313.23	321.02	324.24	332.24	334.24
DISPOSITION OF RESOURCES					
EXPENDITURES					
PERSONAL SERVICES	\$ 8,499,582	\$ 9,207,632	\$ 9,981,126	\$ 10,309,201	\$ 10,351,310
PERSONAL TRAVEL	332,348	352,784	356,865	363,865	363,865
STATE VEHICLE OPERATION	413,200	460,808	503,455	513,955	513,955
DEPRECIATION	441,415	545,350	578,186	586,686	586,686
OFFICE SUPPLIES	208,095	225,792	178,090	178,090	178,090
FACILITY MAINTENANCE SUPPLIE	379,086	276,457	512,491	522,491	522,491
EQUIPMENT MAINTENANCE SUPPLI	369,088	383,826	401,299	413,299	413,299
AG., CONSERVATION & HORT SUPP	327,885	334,493	372,812	382,812	382,812
OTHER SUPPLIES	94,986	107,701	106,638	125,638	125,638
PRINTING & BINDING	135,633	121,050	128,226	138,226	138,226
UNIFORMS & RELATED ITEMS	120,891	115,604	125,220	127,820	127,820
COMMUNICATIONS	150,371	158,439	161,317	162,817	162,817
RENTALS	31,775	38,278	47,785	47,785	47,785
UTILITIES	167,200	200,758	219,306	219,306	219,306
PROF & SCIENTIFIC SERVICES	197,933	254,358	193,968	273,968	273,968
OUTSIDE SERVICES	114,473	129,621	142,916	142,916	142,916
INTRA-STATE TRANSFERS	71,188				
ADVERTISING & PUBLICITY	16,987	14,836	26,420	36,420	36,420
DATA PROCESSING	24,565	31,309	41,200	41,200	41,200
REIMBURSEMENTS TO OTHER AGEN	100,342	80,258	105,050	105,050	105,050
EQUIPMENT	509,870	387,579	429,011	473,411	473,411
OTHER EXPENSE & OBLIGATIONS	400	555	9,400	9,400	9,400
LICENSES	1,087	732	190	190	190
EXPENDITURES SUBTOTAL	12,708,400	13,428,220	14,620,971	15,174,546	15,216,655

NATURAL RESOURCES, DEPARTMENT OF
NATURAL RESOURCES
NATURAL RESOURCES DEPARTMENT OPERATIONS

STATE OF IOWA
DEPARTMENT OF MANAGEMENT
BUDGET WORKSHEETS FOR 1990-1992 BIENNIUM
ORGANIZATION - BUDGET COMPARISON

SCHEDULE 6 ORGN RECAP
(BUDGET COMPARISON)
DATE 08/26/89 TIME 00.04.02
PAGE 210

	ACTUAL FY 1 FY 1987-88	ACTUAL FY 1988-89	DEPT REV FY 1989-90	TOT DPT REQ FY 1990-91	TOT DPT REQ FY 1991-92
DISPOSITION OF RESOURCES					
UNSPENT BALANCE		-1,137,029			
TOTAL DISPOSITION OF RESOURCES	\$ 12,708,400	\$ 12,291,191	\$ 14,620,971	\$ 15,174,546	\$ 15,216,655

Mr. Kuhn explained the budget package in detail.

A lengthy discussion followed regarding prioritization of projects and what the chances were of certain projects being funded.

Margaret Prahl asked when the Commission would have to put a budget priority discussion item on the Commission agenda so that it can have some legitimate impact on what the staff does, without making it a second guess process.

Mr. Kuhn responded that they would have to make their priorities known to staff by April or May. He added that staff would be able to provide only general outline type figures at that point, but the main thing is making known what the Commission wants to do.

Mike Earley asked if the Commission could be provided a quarterly comparison of budget with actual in reference to pages 33 and 34.

Mr. Kuhn replied that a system program was recently developed which will allow staff to compare a year-to-date plan with year-to-date actual and it could certainly be provided if the Commission desires.

Motion was made by Clark Yeager to approve the FY 91 and FY 92 Budget Request Preliminary Approval as presented. Seconded by Margaret Prahl. Motion carried unanimously.

GROUNDWATER CLEANUP GUIDELINES WORKPLAN

James Combs, Division Administrator, Coordination and Information Division, presented the following item.

The Commission requested a schedule and proposed procedures for further investigation of issues pertaining to recent adoption of rule chapter 133. The issues the Commission wishes to investigate further relate to the definitions of "action level" and "negligible risk level", which in turn determine when action must be taken to clean up groundwater and the presumptive levels to which it must be cleaned. Previous discussions of these issues have raised the following questions, more detailed investigation and discussion of which may aid the Commission in further deliberations:

1. What is risk and how is it assessed?
2. What are the economic costs of remediation for different levels?
3. What are the health impacts/costs for different levels?
4. What are the environmental impacts/costs for different levels?

5. What is an appropriate risk level?

We propose to hold 2-4 hour discussions on each of these topics, at the Commission's regularly scheduled meetings, beginning in November. A panel of experts will be established for each session and they will be required to submit their testimony in writing at least 30 days prior to the meeting. The panels will be determined by staff; input from the Commission or interested persons on the makeup of the panels will be welcomed. Public notice of the discussions will be made and written comments from interested persons will be accepted. The goal will be to get a relatively concise, written record before the Commission in advance of each discussion, and a complete written record will be available without the necessity of a verbatim transcript being made. The discussion itself will be structured so that the Commission or staff, or other panel members, ask the panel pertinent questions regarding the written testimony.

We will provide a proposed public notice regarding the first meeting, and discuss the makeup of the first panel. The Commission may want to establish more detailed groundrules for the conduct of these proceedings. Authority for such proceedings is provided in Iowa Code section 455B.105(9). This will be the first time the Commission will have utilized such procedures, and our experience in this endeavor may result in adoption of rules for conducting investigatory proceedings on significant issues in the future, as well as resolve pending issues in this matter.

Mike Earley stated that he is interested not only in costs to implement cleanup guidelines, but also what the costs are if the Commission does not do it, and he would like to have this covered in the presentations.

Chairperson Mohr indicated that the Commission would like to have one topic covered each month.

Mike Earley suggested that various legislators be invited to participate in the panel discussions.

Margaret Prah1 suggested that, in regards to question number five, some representatives of government entities such as county boards of supervisors or municipalities also be invited to participate.

Mr. Combs distributed a copy of an article dealing with risk assessment and commented that it was taken from the Wisconsin Natural Resources magazine.

Motion was made by Margaret Prah1 to approve the Groundwater Cleanup Guidelines Work Plan. Seconded by Gary Priebe. Motion carried unanimously.

APPOINTMENT - GWEN WESLEY (Monsanto)

Gwen Wesley, Manager of Government Regulations at Monsanto, applauded the Commission's effort to try to understand the issue of risk assessment and associated acronyms. She stated that she would hope that after the Commission has held the education sessions, that they would consider going back and taking a look at the groundwater standards that have already been adopted. Also, that the Commission look at the impact on somebody's ability to do business in the state. Ms. Wesley noted that Dr. Marty Strauss will present the cost information for cleanup levels which the Commission requested at their August meeting.

APPOINTMENT - DR. WARREN (MARTY) STRAUSS (Monsanto)

Dr. Warren Strauss, Monsanto, distributed a paper entitled "Impact of Clean Up Standards on Cost." He stated that the data Monsanto chose to work with is the 0.5 MGD (million/gallons/day). He explained the differences in data presented by the department last month and noted that Monsanto has given a conservative estimate. He noted that the data itself is irrelevant, but what is important to look at is the relative cost differences as one moves from different levels. He explained details of cleanup costs and pointed out that the costs go up as the cleanup levels are decreased.

Mike Earley asked if Dr. Strauss has any idea as to what it would cost if the Commission does nothing.

Dr. Strauss responded that he is not qualified to answer that, but he would reiterate that EPA and the federal government have concluded that MCL's are safe for drinking water.

(Due to an emergency, Commissioner Yeager left the meeting at 3:15 p.m.)

Chairperson Mohr announced Public Participation at 3:30 p.m.

PUBLIC PARTICIPATIONDon Balvanz

Don Balvanz, Hardin County Supervisor, addressed the Commission regarding his concerns with proposed rules for exemptions of waste disposal on farmland. He commented that he was unable to get a copy of the proposed rules from department staff.

Chairperson Mohr stated that the Commission has not yet received a copy of the proposed rules, and that Mr. Balvanz will receive a copy when the Commission receive theirs, at the time Item #13 is handled.

GENE PARKIN - CHEEC BUDGET DISCUSSION

Gene Parkin, Center for Health Effects of Environmental Contamination (CHEEC), stated that he appreciates the opportunity to speak to the Commission about budget concerns for CHEEC. He emphasized that he wanted to make it clear that it is his feeling that funds for CHEEC should not come at the expense of the Leopold Center.

Mr. Parkin distributed brochures which outline the legislative requirements for CHEEC. He also distributed copies of the Center's budget projections showing what it would cost to accomplish all of the required tasks, and he explained details of each category. A list was provided showing seed grants awarded by CHEEC during FY 89. Mr. Parkin stated that the Center is working on a report to show CHEEC's activities and accomplishments during its first two years of operation.

(Budget projections shown on following 2 pages)

Center for Health Effects of Environmental Contamination

The University of Iowa

BUDGET PROJECTIONS

	<u>FY 90</u> (current)	<u>FY 91</u>	<u>FY 92</u>
<u>Core CHEEC support</u>			
data management	106,544	150,000	200,000
personnel	53,209	175,000	200,000
general expense	<u>17,500</u>	<u>50,000</u>	<u>50,000</u>
total	177,253	375,000	450,000
 <u>Epidemiology</u>	 -	 165,000	 175,000
 <u>Registry</u>			
birth defects	-	70,000	250,000
exposure	<u>-</u>	<u>50,000</u>	<u>150,000</u>
total	-	120,000	400,000
 <u>Seed grants</u>	 12,747 *	 300,000	 300,000
 <u>Analytical capabilities</u>			
UHL, ERF, ATL	-	275,000	350,000
 <u>Methods & Tech. dev.</u>			
Biotech and innovative tech.	-	200,000	275,000
 <u>Risk assessment</u>	 -	 100,000	 100,000
 <u>TOTAL</u>	 190,000	 1,535,000	 2,050,000

* will be supplemented by carryover from FY 89

Center for Health Effects of Environmental Contamination

Seed grants awarded during Fiscal Year 1989 *

- * Project title: Development of Methods for Epidemiologic Studies of Birth Defects and Environmental Exposures in Iowa
Principal Investigator: R. Munger, Dept. of Prev. Med.

Project Title: A Case-Control Study of Facial Cleft Defects:
Center for Craniofacial Anomalies Research
Principal Investigator: J. Hanson, Dept. of Pediatrics
Funding Agency: NIH (NIDR)
Award: \$470,000 annually for Center (5 year project)
\$250,000 for case-control study

- * Project title: Modeling Dissolved Oxygen, Nitrate, and Pesticide in the Subsurface Environment
Principal Investigators: J. Schnoor, G. Parkin, Dept. of Civil & Environmental Engineering

Project title: Modeling Dissolved Oxygen, Nitrate, and Pesticide in the Subsurface Environment
Principal Investigators: J. Schnoor, G. Parkin
Funding Agency: Hazardous Substance Research Center
(EPA Regions VII and VIII)
Award: \$86,000 annually

- * Project title: Identification and Toxicity of Decomposition Products of Nitrogenous Pesticides following Ozonation
Principal Investigator: B. Kross, Dept. of Prev. Med.

Project title: Destruction of Nitrogenous Pesticides by Combined Ozone/H₂O₂ and Enzymatic Polymerization Process
Principal Investigator: B. Kross
Funding Agency: Hazardous Substance Research Center
(EPA Regions VII and VIII)
Award: \$93,000 annually

- * Project title: Development of a Model Surveillance Program for Agricultural Health and Safety
Prin. Investigators: J. Merchant, K. Donham, Dept. of Prev. Med

- * Project title: Feasibility Study of DNA Flow Cytometry in Renal Cell and Colorectal Carcinoma among Iowa Residents
Principal Investigators: C. Lynch, Dept. of Prev. Med.
R. Robinson, Dept. of Pathology

- * Project title: Collection of Historical Municipal Drinking Water Data for Iowa Municipalities with a 1980 Population < 1,000
Principal Investigator: C. Lynch, Dept. of Prev. Med.

DENNIS KEENEY - LEOPOLD CENTER BUDGET DISCUSSION

Dennis Keeney, Director of the Leopold Center, explained that the Center was started with \$800,000 of Oil Overcharge Funds in 1988 which was spent on competitive grants during the first year. Mr. Keeney distributed copies of the Center's first newsletter and he related that the competitive grants are listed in it. He stated that they will add several personnel to their programs and staff, and one of his goals is to get more research funds into other universities in Iowa. He noted that the Center has a lot more obligations than just to fund research grants.

Mr. Keeney stated that the Center is trying to be an instrument of change, an instrument of evolution in agriculture as he sees it. He circulated a book titled "Alternative Agriculture" and noted that the evolution concept was given a big step forward in this book. The concept is to go beyond small research projects into systems type of thinking and systems type of research, and also transferring the results and getting meaningful input into systems research.

Mr. Keeney distributed a brochure for a workshop to be sponsored by the Leopold Center at ISU on February 6-7, 1990. He added that the Center's opening will be officially done at the time of this conference.

In conclusion, Mr. Keeney stated that funds for the Center are adequate but they need time and talent to spend the Center's money wisely.

LEGISLATION PACKAGE - 1990

James Combs, Division Administrator, Coordination and Information Division, presented the following item.

Attached are draft legislative proposals on the following subjects, for your discussion:

1. Environmental Assistance Program
2. General Permits
3. Household Hazardous Materials Collection System
4. Air Quality Operation Permits
5. Tonnage Fee Late Penalty
6. Big Spring Demonstration Project
7. Inert Ingredients Disclosure
8. Open Dumping Enforcement
9. Abandoned Well Plugging Funds

(Legislation proposals shown on the following 21 pages)

1 ENVIRONMENTAL ASSISTANCE PROGRAM

2 1. Chapter 455B of the Code is amended by adding the
3 following new division.

4 Division VI

5 ENVIRONMENTAL ASSISTANCE PROGRAM

6 There is established within the department an environmental
7 assistance program. Under this program, the department
8 shall at the request of the owner or operator provide any
9 facility operating in Iowa with an advisory environmental
10 audit. The advisory audit, which may include an on-site
11 evaluation, will detail to the owner or operator the current
12 state and federal regulations applicable to the facility and
13 will attempt to identify existing and potential problems or
14 violations at the facility.

15 The staff conducting the audits may also provide other
16 limited assistance consistent with the role of helping
17 facilities to identify and solve compliance problems under
18 this program as may be defined in rule, but such assistance
19 may not include the planning and design of equipment or
20 processes to improve pollution control. The staff will act
21 in an advisory capacity only and will have no mandate or
22 authority to enforce compliance or to refer for enforcement
23 any case where a deficiency or violation is identified
24 during an advisory audit except in those cases where the
25 violations are of a nature that they pose an immediate

1 threat to the public health and safety or constitute
2 criminal violations of the law.

3 Environmental advisory audits shall be provided on request
4 to owners and operators only. With the limited exceptions
5 noted above, the contents of the advisory audit shall remain
6 confidential between the audit staff and the client facility
7 and are not subject to disclosure under the open records
8 law.

9 The identification of a violation or other problem at a
10 facility may not be used as the basis for a claim against
11 the state or as a defense to any subsequent enforcement
12 action taken by the department based upon other information
13 such as a routine inspection, complaints or other
14 surveillance and compliance activities. The failure of an
15 audit to identify a problem or violation of any rule or the
16 condition of any permit shall also not constitute a defense
17 against any independent enforcement action nor give rise to
18 a claim against the state.

19 EXPLANATION

20 Even though many permittees have no difficulty in complying
21 with environmental requirements, there are others that do.
22 Most of these are smaller facilities which have no resident
23 expertise to deal with the technical elements of pollution
24 control. They will often find their attention diverted to
25 basic management concerns and be unable to sort through the

1 details of regulations which impact their business. At the
2 same time, they may be motivated to comply with some
3 assistance to tell them what they must do. the
4 Enivronmental Assistance Program could be one way to provide
5 the needed assistance. Dealing with a broader scope than
6 the hazardous waste assistance currently offered by UNI,
7 this effort would deal with the full range of environmental
8 program requirements.

1 HOUSEHOLD HAZARDOUS MATERIAL COLLECTION SYSTEM

2 For the past several years, the Department has been
3 conducting toxic cleanup days as a means to provide the
4 public with an opportunity to turn in leftover portions of
5 household hazardous materials for which they no longer have
6 any use. These materials are identified and classified by
7 the Department and prepared for recycling or disposal as
8 appropriate.

9 While these days provide for disposal of some materials and
10 are a good educational tool, more such materials could be
11 gathered all during the year if there were some sites where
12 the materials could be taken once collected. These sites
13 would allow the aggregation of materials and provide for a
14 few defined locations for hazardous waste management firms
15 to pick up the material for disposal. These sites would
16 recieve only household hazardous materials and would only
17 accept materials which had been collected and processed by
18 local governemental entities or which were received directly
19 from individuals during specified collection days.

20 Local government, with a known site to take the materials
21 could more readily institute collections on a regular basis
22 at designated sites or other means.

23 Besides the sites, the Department would need to establish
24 the protocols and rules which would regulate the manner in
25 which the collection sites would operate and the conditions

1 that local governments would need to meet in order for
2 materials which they collect to be accepted.

3 The Iowa Environmental Protection Commission believes that
4 the establishment of collection sites for household
5 hazardous materials would be of great service to local
6 governments, provide a more cost effective means to collect
7 them, and reduce the amount of such waste that is taken to
8 the landfills.

AIR QUALITY OPERATION PERMITS

1. Section 455B.134, subsection 3, the first unnumbered paragraph, is amended as follows:

3. Grant, modify, or deny permits for the construction and operation of new or modified air contaminant sources and for related control equipment, and conditional permits for electric power generating facilities subject to chapter 476A and other major stationary sources, subject to the rules adopted by the commission. The department shall furnish necessary application forms for such permits.

2. Section 455B.134, subsection 3, is amended by adding after paragraph d, the following new paragraph and renumbering the remainder of the subsection:

e. No air contaminant source for which a construction permit or conditional permit has been issued may be operated unless an operation permit has been issued for the source. Operation permits shall contain conditions and schedules of compliance necessary to ensure that the contaminant source will meet all applicable standards.

3. Section 455B.134, subsection 9, is amended as follows:

9. Issue orders consistent with rules to cause the abatement or control of air pollution, or to secure compliance with permit conditions. In making the orders, the director shall consider the facts and circumstances

1 bearing upon the reasonableness of the emissions involved,
2 including but not limited to, the character and degree of
3 injury to, or interference with, the protection of health
4 and the physical property of the public, the practicability
5 of reducing or limiting the emissions from the air pollution
6 source, and the suitability or unsuitability of the air
7 pollution source to the area where it is located. An order
8 may include advisory recommendations for the control of
9 emissions from an air contaminant source and the reduction
10 of the emission of air contaminants.

11 4. 455B.141 is amended as follows:

12 455B.141 Legal Action. If action to prevent, control, or
13 abate air pollution is not taken in accordance with the
14 rules established, or orders or permits issued by the
15 department, or if the director has evidence that an
16 emergency exists by reason of air pollution which requires
17 immediate action to protect the public health or property,
18 the attorney general, at the request fo the director, shall
19 commence legal action, in the name of the state, for an
20 injunction to prevent any further or continued violation of
21 such rule or order.

22 EXPLANATION

23 At this time, the department of natural resources only has
24 authority to issue construction permits in the air pollution
25 control program. While this program relies on the type and
26 design of equipment as the primary operational control, the

1 construction permits often contain operational
2 characteristics as well. When a change is required in an
3 operational feature of such permits in order to better
4 protect the environment or to satisfy the needs of the
5 permitted industry, the process for change is needlessly
6 cumbersome for everyone. The issuance of seperate operation
7 permits will make the modification process more efficient,
8 validate the practice of including operational
9 characteristics and make the program more consistent with
10 other environmental programs in terms of operation.

1 SOLID WASTE TONNAGE FEE LATE PENALTY

2 1. Section 455B.310, Subsection 6 is amended as follows:

3 6. A person required to pay fees by this section who fails
4 or refuses to pay the fees imposed by this section shall be
5 assessed a penalty of ~~fifteen percent~~ two percent per month
6 of the fee due. The penalty shall be paid in addition to
7 the fee due.

8 EXPLANATION

9 The current flat fee for late payment of tonnage fees
10 provides for inequities that a monthly fee eliminates. If
11 the fee is even a few days late, the 15% penalty is too
12 harsh. Once the late payment penalty is in place, there is
13 no added penalty no matter how late the payment is overdue.

14 As a result, once a payment is late it benefits the payee to
15 delay as long as possible because interest may be gained to
16 offset the penalty. The amendment results in a very minimal
17 late fee at first, but it accumulates at a rate which
18 defeats the advantages of delay.

1 BIG SPRING DEMONSTRATION PROJECT

2 For FY 1990, an additional \$800,000 was made available to
3 fund the initiation of five projects like the Big Spring
4 Demonstration Project in different areas of the state. The
5 Iowa Environmental Protection Commission supports the
6 continuation of the FY 1990 level of funding for the coming
7 year in order to carry through on the implementation of the
8 demonstration projects. The information gained and the
9 demonstration of the concepts on the land are essential to
10 our understanding of the impact of agricultural chemical use
11 on the state's groundwater. The demonstrations are also an
12 extremely good way to convey the information gained to local
13 farmers.

14 Continued support is necessary to fulfill the commitment
15 made by starting the new projects. The Commission concurs
16 that this level of funding should be a part of the
17 Department's FY 1991 budget request.

1 the Department. By asking for only a limited number of
2 years of prior use information, the proposal is a compromise
3 in comparison with disclosure requirements considered last
4 year. Equally important is the proviso that only the
5 identity of the compound and not its percentage in the
6 pesticide's composition need be reported. This limit should
7 help to reduce concerns about revealing trade secrets.

1 OPEN DUMPING TO AVOID LANDFILL FEES

2 1. Section 455B.307 is amended by adding the following new
3 unnumbered paragraphs.

4 In those cases where a person is found to have disposed of
5 solid waste by open dumping in a roadside ditch, or on
6 public or private property, the court may in addition to any
7 other sentence imposed, direct and supervise a labor of
8 litter gathering.

9 Cities or counties may commence enforcement of violations of
10 open dumping prohibitions under the authority of this
11 division and seek penalties provided for in this section on
12 their own initiative.

13 EXPLANATION

14 With the advent of landfills and the increases in fees to
15 properly dispose of solid waste, there have been increased
16 incidences of dumping of household solid waste in roadside
17 ditches and secluded areas off the road. These practices
18 subvert the intent of the law and allow the person dumping
19 to avoid the cost of disposal. The landowner is left with
20 the task of cleanup. The proposed amendment takes from the
21 littering statute and provides an added disincentive for
22 persons practicing this strategy of waste disposal.

1 ABANDONED WELL PLUGGING FUNDS

2 The Iowa Environmental Protection Commission supports the
3 continuation of the additional \$300,000 in funding which was
4 made available last year. The plugging of abandoned wells
5 represents an important part of the state's groundwater
6 protection effort, because these wells constitute an obvious
7 direct conduit into the groundwater aquifers. Every effort
8 should be made to use these funds to maximize the number of
9 abandoned wells which are permanently closed. The
10 Commission concurs that this level of funding should be a
11 part of the Department's FY 1991 budget request.

CODE CORRECTION BILL

1

1. Section 455A.6(6)"b" {COMMISSION AUTHORITY}, as 5
amended by 1989 Iowa Acts, S.F. 141, is amended as follows: 7
b. Hear appeals in contested cases pursuant to chapter 17A 9
on matters relating to actions under chapter 84, 93, 455B, 11
455C, or 469. 13
2. Section 455B.145(2)"b" {APPROVAL OF LOCAL AIR QUALITY 17
CONTROL PROGRAMS} is amended as follows: 19
b. The director shall promptly investigate the application 21
and approve or disapprove the application. The director may 23
conduct a public hearing before action is taken to approve 25
or disapprove. If the director disapproves issuing a cer- 27
tificate, the political subdivision may appeal the action to 29
the department of inspections and appeals commission. 31
3. Section 455B.174(4), first unnumbered paragraph 35
{WASTEWATER PERMITS}, is amended as follows: 37
4. Approve or disapprove the plans and specifications for 39
the construction of disposal systems or public water supply 41
systems except for those sewer extensions and water supply 43
distribution system extensions which are reviewed by a city 45
or county public works department as set forth in section 47
455B.183. The director shall issue, revoke, suspend, modify 49
or deny permits for the operation, installation, con- 51
struction, addition to or modification of any disposal sys- 53

tem or public water supply system except for sewer 1
extensions and water supply distribution system extensions 3
which are reviewed by a city or county public works depart- 5
ment as set forth in section 455B.183. The director shall 7
also issue, revoke, suspend, modify or deny permits for the 9
discharge of any pollutant. The permits shall contain condi- 11
tions and schedules of compliance as necessary to meet the 13
requirements of this part of this division and the federal 15
Water Pollution Control Act. A permit shall not be issued to 17
operate or discharge from any disposal system unless the 19
conditions of the permit assure that any discharge from the 21
disposal system meets or will meet all applicable state and 23
federal water quality standards and effluent standards and 25
the issuance of the permit is not otherwise prohibited by 27
the federal Water Pollution Control Act. All applications 29
for discharge permits are subject to public notice and op- 31
portunity for public participation including public hearing 33
as the department may by rule require. The director shall 35
promptly notify the applicant in writing of the director's 37
action and, if the permit is denied, state the reasons for 39
denial. The applicant may appeal to the department of in- 41
spections and appeals, commission from the denial of a permit 43
or from any condition in any permit if the applicant files 45
notice of appeal with the director within thirty days of the 47
notice of denial or issuance of the permit. The director 49
shall notify the applicant within thirty days of the time 51
and place of the hearing. 53

4. Section 455B.271(2), introductory paragraph {WATER USE PERMITS}, is amended as follows:	4 6
2. Subject to appeal to the department of inspections and appeals <u>commission</u> , a permit may be modified or canceled by the director if any of the following occur:	8 10 12

EXPLANATION 16

This bill corrects some errors that have carried over from state government reorganization legislation. The Environmental Protection Commission has general appellate jurisdiction over contested case matters arising under chapter 455B. The Department of Inspections and Appeals supplies presiding officers, Administrative Law Judges, to perform administrative hearing functions and prepare proposed decisions, which are subject to final determination by the Commission. In three provisions in 455B the department of inspections and appeals was given apparent final jurisdiction, rather than the Commission. Efforts to correct this in the 1989 Code Correction Bill actually made the matter worse. Hopefully this Bill will correct both the problems created by the state government reorganization bill and the 1989 Code Corrections bill.	20 22 24 26 28 30 32 34 36 38 40 42 44 46 48
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TERRY E. BRANSTAD, GOVERNOR

DEPARTMENT OF NATURAL RESOURCES
LARRY J. WILSON, DIRECTOR

October 24, 1988

Ms. JoAnn Brown
Iowa Code Editor
Lucas Building
LOCAL

Dear Ms. Brown:

This is in response to your letter of October 17, 1988, to Mr. Wilson. We agree with your proposal to amend Iowa Code sections 455B.145(2b), 455B.174(4), and 455B.271(2) by deleting references to the department of inspections and appeals and substituting "commission". These changes should be included in your Code corrections bill.

Thank you for your prompt response and courtesies.

Sincerely,

Michael P. Murphy
Chief
Government Liaison Bureau

MM:ps

GENERAL ASSEMBLY OF IOWA

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RICHARD L. JOHNSON
DIVISION CHIEF
DOUGLAS L. ADKISSON
MARTIN H. FRANCIS
MICHAEL J. GOEDERT
MARK W. JOHNSON
GARY L. KAUFMAN
JANET L. WILSON
DANIEL PITTS WINEGARDEN
LESLIE E. WORKMAN

RESEARCH DIVISION

DIANE E. BOLENDER
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LUCAS BUILDING 515 281-5285
JoANN G. BROWN
IOWA CODE EDITOR

October 17, 1988

Mr. Larry Wilson, Director
Department of Natural Resources
Wallace Building
L O C A L

Dear Mr. Wilson:

We have considered the changes you suggested to sections 455B.145(2b), 455B.174(4) and 455B.271(2), and have discussed them with the drafter, Thane Johnson. We find that the legislative intent here is not clear, in light of the apparently conflicting provisions in sections 10A.202(10), 455A.6(6b), and 1986 Acts, chapter 1245, section 1899B.

For this reason, we should not attempt to make the proposed changes editorially. However, I am willing to propose them for inclusion in a Code corrections bill. I would propose deleting the references to the Department of Inspections and Appeals and substituting "commission", which would be the Environmental Protection Commission. This seems compatible with section 455A.6(6b), and avoids requiring an appeal of the director's decision to the director's department.

You may prefer to present these changes to the legislature in a departmental bill. If so, please let me know. We will probably start working on the Code corrections bills in November and we do not want to duplicate or conflict with provisions you might have in departmental bills.

I hope this resolution is satisfactory to you.

Sincerely,

JoAnn Brown
JoAnn Brown
Iowa Code Editor

JB:bk

RECEIVED BY
OCT 17 1988
DIRECTOR'S OFF.



TERRY E. BRANSTAD, GOVERNOR

DEPARTMENT OF NATURAL RESOURCES

LARRY J. WILSON, DIRECTOR

September 26, 1988

JoAnn Brown
Iowa Code Editor
4th Floor, Lucas Building
LOCAL

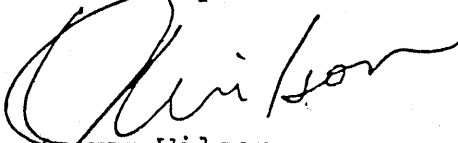
Dear Ms. Brown:

This letter is to point out three provisions in Iowa Code chapter 455B, 1987 edition, which I believe need to be corrected, and to request that these changes be made in the 1989 Code pursuant to your editorial authority, if that is appropriate. The three provisions are 455B.145(2)"b", 455B.174(4)(first unnumbered paragraph), and 455B.271(2)(introductory paragraph), which reference appeals to the "department of inspections and appeals". We feel that these references should be simply to the "department", which in turn would equate to the department of natural resources, pursuant to Iowa Code section 455B.101(1). See 1986 Iowa Acts, section 1899B.

Certainly the massive changes made in the reorganization bill, and the sometimes ambiguous references to "director", "department", and "commission" throughout, created a difficult task for your office, and it is easy to see how the above references resulted. However, the way these provisions are now worded leaves the impression that the department of inspections and appeals has full jurisdiction over the matters in those sections. We do use that agency to conduct our administrative hearings; however, it is clear that ultimate agency jurisdiction over these matters is with this department.

If you have any questions on this request, please contact Mike Murphy at 8973.

Sincerely,



Larry Wilson
Director

LW:ps

Mr. Combs stated that he would like to get the Commission's decision as to which legislative proposals should be included in the package and what their position is on particular legislative proposals.

Environmental Assistance Program

There was concern over the wording on page 2, lines 14-18, particularly in reference to the words "independent enforcement action" and what is meant by same.

Following discussion of this issue, it was agreed that staff will work on clean up of the language to address that a condition which exists at the time of the audit should not be a basis for the department to take enforcement action in a sense of penalties, but should still be a basis to require further action to remediate the problem.

Concern was also expressed that a request for adequate funding of the program should be included in the legislative proposal.

The Commission agreed to leave this proposal in the legislation package providing the above concerns are addressed.

General Permits

Mr. Combs stated that the department received comments from the Attorney General's Office today stating that the draft language is not adequate.

The Commission agreed to include the concept of this proposal with the re-drafting of the language as acceptable to the Attorney General's Office.

Household Hazardous Material Collection System

The Commission agreed to include this proposal in the legislation package.

Air Quality Operation Permits

Allan Stokes explained that this legislation would allow a facility to receive a construction permit and an operation permit. The operation permit would establish the emission limitations for a facility. Presently, the emission limitation is addressed through the construction permit, but if it proves not to be good enough to protect the ambient air quality standards, a facility would be technically in compliance with their construction permit but there would still be air quality violations. The only mechanism to address that now is to institute an enforcement action against the facility in the form of an administrative order, or higher enforcement action, ordering them to take additional actions to reduce emission levels to be in compliance. Mr. Stokes stated that the issuance

of a separate operation permit will simplify and streamline the process.

Discussion followed.

Mike Earley asked if this is to benefit contractors, if they would agree with this process.

Chairperson Mohr asked Jack Soener if he would like to address the issue.

Jack Soener

Jack Soener, Association of Business and Industry, stated that the Association has not taken a position on this legislation. He noted that their view has always been that the enforcement agency should be concerned with what comes out of the stack and not how it is achieved. He added that has been the concern with operational permits, and he does not know at this point if the Association will continue to take that stand or not.

Mr. Stokes stated that the operation permit is the one that addresses what comes out the stack, and the construction permit addresses how you get there. The reason the department would not propose to give up the construction permit is that in many instances it is required under federal law.

Margaret Prah1 stated that on page 1, paragraph e., it should be made clear that the construction permit and operation permit will be issued simultaneously to prevent a permit from taking 90 days to be issued.

The Commission agreed to leave this proposal in the legislation package providing the concern with page 1, paragraph e., is addressed.

Solid Waste Tonnage Fee Late Penalty

The Commission agreed to include this proposal in the legislation package.

Big Spring Demonstration Project

The Commission agreed to include this proposal in the legislation package.

Inert Ingredients Disclosure

Mr. Combs stated that this legislation will disclose the compound but not the percentage of composition of any inert in pesticides. Basically, what the department wants to know is what is in the compound and not necessarily the percentages or formulations. Mr. Combs related that the concern is, there are 1200 inert ingredients registered with the U.S. EPA and some of those have

been identified as being of toxicological concern, some are basically recognized as safe, and there are two categories which are unknown and are thought to have potential toxicological impact.

Keith Luchtel

Keith Luchtel, Attorney for Monsanto, stated that the information for active ingredients and for inert ingredients on the list of toxicological concern is already given, and the question in industry is what more is needed and what is the department going to do with it. He added that if industry knew how the information is going to be used, maybe the information could be provided without breaching the trade secret problems of industry. The problem with the draft legislation is that it has no confidentiality provision for the trade secret aspect.

Mr. Combs stated that of the 1200 registered inert ingredients, 57 are of toxicological concern, 79 are potentially toxic inert high priority for testing, 300 are recognized as safe, and 800 are of unknown toxicity. Results of groundwater and surface water sampling show 16 ingredients on the list of 1200 inerts, one of which is on the list of unknown toxicity, six are potentially toxic inerts, and nine of them are of toxicological concern. Mr. Combs stated that the department's concern is that some of those on the list of potentially toxic inerts and the unknown list may be of concern to Iowans, as they may or may not be very toxic. Presently, no one knows.

Chairperson Mohr asked Dr. Keith Cherryholmes if he would like to speak to this issue.

Dr. Keith Cherryholmes

Dr. Keith Cherryholmes, University Hygienic Lab, stated that his concern is what the impact of some of these materials might be in concert with the active ingredient. He added that the question is, are the 300 ingredients in the safe category really safe. Again, it is unknown if these are safe in concert with active ingredients.

A lengthy discussion of the issues followed.

Gary Priebe expressed concerns that this proposal might affect research by industry. He suggested that this legislative proposal be tabled until October so that staff can work out language with industry to provide the information needed by the department, yet protect industry's trade secrets.

Mike Earley disagreed stating that he feels this proposal should be included as presented in the legislation package.

The consensus of the Commission was to leave this legislative proposal in the package and have staff work with industry to amend the language to satisfy the department and yet protect industry trade secrets, with amendments to be completed by October 16; if no acceptable alternative is found by that time it will go into the legislation package as was originally presented.

Open Dumping Enforcement

The Commission agreed to include this proposal in the legislation package.

Abandoned Well Plugging Funds

The Commission agreed to include this proposal in the legislation package.

Code Correction Bill

The Commission agreed to include this proposal in the legislation package.

Nancylee Siebenmann mentioned that she had previously requested review of legislation relating to the hierarchy and criteria for the Landfill Alternative Grants Program, and that she would still like the Commission to review it to determine if they would like a legislative initiative on it.

Mr. Combs stated that he will have staff prepare a proposal and bring it back for Commission discussion tomorrow.

Motion was made by Nancylee Siebenmann to approve the Legislation Package for 1990 with the modifications requested by the Commission today. Seconded by Rozanne King.

Mike Earley noted that he would agree with approval of the package as a whole, but that he is opposed to the Environmental Assistance Program legislation proposal.

Vote on Nancylee Siebenmann's motion carried unanimously.

Before recessing for the day, Director Wilson informed the Commission that in response to some of their questions on expenses covered by the state, retirement plaques for state employees are provided (not to exceed \$50). Coffee for Commission meetings is allowed. At meetings conducted for the department for the benefit of the public, other than Commission meetings, coffee, soft drinks, and rolls/donuts are allowed.

RECESS

Chairperson Mohr recessed the meeting at 6:00 p.m., Monday, September 18, 1989.

MEETING RECONVENES 8:30 A.M., TUESDAY, SEPTEMBER 19, 1989REPRESENTATIVE JACK HATCH

Chairperson Mohr introduced Representative Jack Hatch and stated that the Commission appreciates the time he has taken to meet with them.

Representative Hatch stated that he received a letter from members of the previous Commission in response to legislation that passed the House of Representatives to abolish the Commission. He related that it hit a low point between the legislature and the Commission on conversation and dialogue, not only as agencies of the state, but also as advocates of the environment. Representative Hatch responded to the Commission with a letter suggesting to the Commission that they get together to discuss concerns.

Representative Hatch discussed responsibilities of the Commission and the legislature in executing the authorities they have. He further explained that the Attorney General was given the authority in 1986 to proceed in lawsuits against companies without having referrals from the EPC. Representative Hatch noted that there is a long list of companies that staff recommended a lawsuit against and the EPC did not refer to the Attorney General (a copy of the list was distributed to the Commission). He added that it is one very significant and very obvious problem when the legislature sees the Commission not supporting staff recommendation, and when obvious violations of the law are reduced by the Commission to mere misdemeanors, or slaps on the hand, it indicates that the Commission is not serious about protecting the environment. Representative Hatch asked the Commission to refer any cases which are indicated to be a violation of the law and let the Attorney General's Office work it out. He stated that the legislature wants rapport with the Commission, and they do not want to micro-manage. He related that he would like to offer the Commission to meet with the legislature as often as they like. Representative Hatch noted that he would much rather come over and meet with the Commission in work sessions than attend a reception.

Chairperson Mohr thanked Representative Hatch for coming and stated that the Commission wants to keep the lines of communication open.

Margaret Prah1 commented that if it is the function of the legislature to second guess the decisions of the Commission and say "that was a wrong one, that was a right one," the question is, is the legislature then willing to look at the facts behind the decision. She stated that if the legislature is going to keep score and say that it's a win if you go with the staff and a loss if you do otherwise, then she does not think the Commission can communicate.

Representative Hatch replied that in general terms he would not disagree with that, but the legislature does look behind the issue. In a political environment, you cannot prevent an elected body not to make judgements and not to keep score. He added that maybe what needs to be done better is to make sure that all the facts and details are there when they keep score.

Mike Earley asked Representative Hatch what he thinks is an attainable level on cases to be referred.

Representative Hatch responded that if staff recommends referral to the Attorney General and the Commission does not refer it, then the Commission should defend it before the governor, the press, and the committees of the legislature. Now that the Attorney General has the authority to take the case over without referral, it could be seen who is right and who is wrong. He stressed that if there is the slightest sense of illegal activity or slight bend of the regulations, he would recommend the Commission pour it on the Attorney General and make his staff work. This would tell the people of the state that the EPC is going to protect the environment. Representative Hatch stated that he has a lot of respect for staff of the department and whenever the legislature has asked for information it has always come back in a professional and thorough manner.

Nancylee Siebenmann commented that if there would be concerns by subcommittees as to why certain actions were taken the Commission would like to know that, so that a response could be given.

Representative Hatch stated that Representative Rosenberg and Senator Deluhery have been open in meeting with DNR staff and they are the people to keep informed and brief on a regular basis, as well as the chairs of the Appropriations Committee on Natural Resources.

Chairperson Mohr stated that the Commission want to keep this line of communication open because they are very concerned about the environment. She noted that the Commission always meet on the third Monday and Tuesday of each month and that Representative Hatch is always welcome at these meetings.

MONTHLY REPORTS

Allan Stokes, Division Administrator, Environmental Protection Division, presented the following item.

The following monthly reports are enclosed with the agenda for the Commission's information.

1. Rulemaking Status Report
2. Variance Report
3. Hazardous Substance/Emergency Response Report
4. Enforcement Status Report
5. Contested Case Status Report

Members of the department will be present to expand upon these reports and answer questions.

(Reports shown on the following 8 pages)

IOWA DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION COMMISSION
RULEMAKING STATUS REPORT
September 1, 1989

PROPOSAL	NOTICE TO COMMISSION	NOTICE PUBLISHED	RULES REVIEW COMMITTEE	HEARING	SUMMARY OF COMMENTS & RECOMMENDATIONS TO COMMISSION	RULES ADOPTED	RULES PUBLISHED	RULE EFFECTIVE
1. Ch. 25 and 30 - Toxic Air Emissions	*11/20/89	*12/13/89	*1/09/90	*1/90	*2/90	*2/90	*3/90	*4/90
2. Ch. 39 - Plugging Abandoned Wells	*10/16/89	*11/15/89	*12/12/89	*12/89	*1/90	*1/90	*2/90	*3/90
3. Ch. 41 - Public Water Supplies	8/21/89	*9/20/89	*10/10/89	10/10/89 10/11/89 10/12/89	*11/20/89	*11/20/89	*12/13/89	*1/17/90
4. Ch. 60-62 - Water Quality Standards	7/17/89	8/09/89	9/11/89	8/29/89 8/30/89 8/31/89 9/06/89	*11/20/89	*11/20/89	*12/13/89	*1/17/90
5. Ch. 62 - Effluent and Pretreatment Standards: Other Effluent Limits or Prohibitions	5/22/89	6/14/89	7/11/89	7/05/89	8/21/89	8/21/89	*9/20/89	*10/25/89
6. Ch. 91 - Criteria for Award of Grants	7/17/89	8/09/89	9/11/89	8/30/89	9/18/89	*9/18/89	*10/18/89	*11/22/89
7. Ch. 101-106 - Landfill Closure Post-Closure, Leachate	4/17/89	5/03/89	6/07/89	6/06/89 6/07/89 6/08/89	8/21/89	8/21/89	*9/20/89	*10/25/89
8. Ch. 135 - Underground Storage Tanks	E M E R G E N C Y		R U L E		8/21/89	8/21/89	*9/20/89	9/01/89

*Projected

MONTHLY VARIANCE REPORT

Month: August, 1989

No.	Facility	Program	Engineer	Subject	Decision	Date
1.	Bancroft Municipal Utilities	Air Quality		Landscape Waste	Denied	08/01/89
2.	Linwood Mining & Mineral Corp. - Davenport	Air Quality		Emission Standard	Approved	08/01/89
3.	Alden, City of	Air Quality		Landscape Waste	Denied	08/07/89
4.	Howard County	Flood Plain	County Engineer	Percent Length Reduction	Approved	08/02/89
5.	Humboldt County	Flood Plain	MER Engineering	Freeboard	Approved	08/04/89
6.	Decatur County Soil & Water Conservation District	Flood Plain	USDA - Soil Conservation Service	Storm/Storage Capacity	Approved	08/09/89
7.	Des Moines, City of	Solid Waste	Darwin Larson, D.M.	Compost	Approved	08/28/89
8.	Iowa American Water Co. - Davenport	Watersupply Construction	Havens & Emerson	Design Basis	Approved	08/14/89

September 1989

Environmental Protection Commission Minutes

TOPIC: Report of Hazardous Conditions

During the period August 1, 1989 through August 31, 1989, reports of 48 hazardous conditions were forwarded to the Central Office. Two incidents are highlighted below. A general summary and count by field office is attached. These do not include releases from underground storage tanks, which are reported separately.

Date Reported and County	Description: Material, Amount, Date of Incident, Cause, Location, Impact	Responsible Party	Response and Corrective Actions
08/09/89 O'BRIEN	About 2,000 gallons of soybean oil entered a storm sewer that discharges to an open ditch southwest of the city of Sheldon on August 9, 1989. The incident occurred when a driver attempted to load his truck, but the valve was open for loading railcars at another location.	AGP, Inc. 804 Second Avenue Sheldon, Iowa 51201	The ditch was diked about 100 feet downstream of the storm sewer outfall. Oil was pumped out of the ditch and recycled. The storm sewer was flushed to remove residual oil and oil-soaked soil was removed for land application.
08/10/89 CERRO GORDO	A hydrostatic test was being conducted when a blowout occurred in a pipeline two miles west of I-35 on county road B-43 near Clear Lake, Iowa on August 10, 1989. About 84 gallons of diesel fuel were spilled.	Williams Pipeline 2500 39th Avenue N.E. Minneapolis, Minnesota 55421	Six truckloads of soil were removed from the site and stored on plastic pending landfarming arrangements. The pipeline was repaired.

Numbers in Parentheses Represent Reports for the Same Period in Fiscal Year 1988

Substance Type					Mode					
Month	Total # of Incidents	Petroleum Product	Agri. Chemical	Other Chemicals and Substances	Handling and Storage	Pipeline	Highway Incident	RR Incident	Fire	Other
Oct	47	20	8	19	25	0	14	3	0	5
Nov	55	27	9	19	35	3	12	1	0	4
Dec	44	21	3	20	29	0	9	1	1	4
Jan	54	32	6	16	32	0	10	3	3	6
Feb	52	25	11	16	36	2	5	3	2	4
Mar	50	34	2	14	30	2	12	1	0	5
Apr	78	28	33	17	54	0	19	1	1	3
May	124	33	57	34	56	2	52	2	1	11
Jun	68	28	15	25	42	1	19	0	0	6
Jul	74	35	9	30	45	1	20	2	2	4
Aug	48(88)	21(31)	6(16)	21(41)	33(52)	1(2)	9(16)	1(3)	0(1)	4(14)

Total # of Incidents Per
Field Office
This Period

01	02	03	04	05	06
3	9	7	3	15	11

REPORTS OF RELEASES FROM UNDERGROUND STORAGE TANKS

During the period of August 1, 1989 through August 31, 1989, the following number of releases from underground storage tanks were identified.

66 (26)

The number in parentheses represents the number of releases during the same period in Fiscal Year 1988.

Environmental Protection Commission Minutes

September 1989

Enforcement Report Update

The following new enforcement actions were taken last month:

Name, Location and Field Office Number	Program	Alleged Violation	Action	Date
Holden's Foundation Seeds, Inc., Williamsburg (6)	Water Rights	Operation Without a Permit	Order/Penalty	8/2/89
East Side Acres, Moville (3)	Drinking Water	MCL - Nitrate Public Notice	Order/Penalty	8/4/89
Sully Municipal Water Works (5)	Drinking Water	Monitoring/Reporting - Other Inorganics	Order/Penalty	8/4/89
Oyens Water Supply (3)	Drinking Water	Monitoring/Reporting - Other Inorganics	Order/Penalty	8/4/89
Lloyd Wiese, Jewell (2)	Air Quality	Open Burning	Order/Penalty	8/4/89
Stone City Iron & Metal Co., Anamosa (1)	Air Quality	Construction Without Permit	Order/Penalty	8/4/89
Mary Greeley Medical Center, Ames (5)	Air Quality	Construction Without Permit	Order	8/4/89
ITW Magnaflux, DeWitt (6)	Air Quality	Construction Without Permit	Order	8/4/89
Dakota Pork Industries, Inc., Sioux City (3)	Air Quality	Construction Without Permit	Order	8/4/89
Charles Clapp, Carter Lake (4)	Underground Tank	Remedial Action	Order	8/4/89
Irene Fagerlund d/b/a Swea City Oil Co., Swea City (2)	Underground Tank	Remedial Action	Order	8/4/89
Donnellson Water Supply (6)	Drinking Water	Monitoring/Reporting - Other Inorganics	Order/Penalty	8/4/89
Grade Lake Dam, Osceola (5)	Flood Plain	Reconstruction	Amended Order	8/4/89
Castana Water Supply (4)	Drinking Water	MCL - Nitrate	Order	8/4/89
Nevada, City of (5)	Wastewater	Discharge Limits	Order	8/9/89
Quaker Oats Co., Cedar Rapids (1)	Air Quality	Construction Without Permit	Order/Penalty	8/9/89
Nozey Habhab/Mildred Habhab and John F. Constable, Fort Dodge (2)	Air Quality	Open Burning	Order/Penalty	8/15/89
City of State Center (5)	Wastewater	MIP - Discharge Limits	Order	8/15/89
Wright Tree Service, Inc., West Des Moines (5)	Hazardous Condition	Remedial Action	Order	8/16/89
Arthur Gross, West Union (1)	Flood Plain	Construction Without Permit	Amended Order	8/18/89
Howard Pape, West Union	Flood Plain	Construction Without Permit	Amended Order	8/18/89
City of Center Point (1)	Wastewater	MIP	Amended Order	8/25/89
Mount Hamil Tap, Donnellson (6)	Drinking Water	Monitoring/Reporting - Nitrate	Order/Penalty	8/25/89
Westmore Road & Water Assoc., Davenport (6)	Drinking Water	Monitoring/Reporting - Radioactivity	Order/Penalty	8/25/89
Harcourt Water Supply (2)	Drinking Water	Monitoring/Reporting - Radioactivity	Order/Penalty	8/25/89
Modern Manor Mobile Home Park, Iowa City (6)	Drinking Water	Monitoring/Reporting - Radioactivity	Order/Penalty	8/25/89
City of Carroll (4)	Wastewater	Discharge Limits	Order	8/25/89

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Summary of Administrative Penalties

The following administrative penalties are due:

NAME/LOCATION	PROGRAM	AMOUNT	DUE DATE
Handi-Klaspp, Inc. (Webster City)	WW/HC	1,000	8-02-88
Krause-Gentle Corp. (Laurel)	HC	1,000	3-17-89
*Milo Chalfant, et. al. (Webster City)	SW	216	5-21-89
Gilbert John Fjone (Swaledale)	SW	400	7-04-89
City of Graf	FP	400	7-04-89
Glenn C. Sevvick (Mason City)	SW	400	7-17-89
Soo Line Railroad Company (Mason City)	HC	1,000	8-07-89
Richard Kleindolph (Muscatine)	SW	500	8-17-89
Cozy Cafe (Lucas)	WS	500	8-23-89
Valley View Estates #1 (Muscatine)	WS	215	8-26-89
Robert Fisch (Manchester)	AQ	600	9-01-89
Jeffrey Allen Miller (Shell Rock)	SW	1,000	9-09-89
Siouxland Quality Meat, Inc. (Sioux City)	WW	700	10-01-89
William L. Bown (Marshalltown)	SW	1,000	10-01-89
Delbert Fleig (Richland)	SW	300	10-01-89
Larry Stohr (Leland)	AQ	600	10-01-89
Interstate Pork, Inc. (West Liberty)	WW	1,000	10-08-89
Sully Municipal Water Works	WS	200	10-08-89
Stone City Iron & Metal Co. (Anamosa)	AQ	1,000	10-08-89
Oyens Water Supply	WS	200	10-09-89
Lloyd Wiese (Jewell)	AQ	300	10-09-89
Quaker Oats Co. (Cedar Rapids)	AQ	500	10-15-89
East Side Acres (Merville)	WS	600	10-21-89
Howard Gross (West Union)	FP	300	10-23-89
Arthur Pape (West Union)	FP	300	10-23-89
Harcourt Water Supply	WS	200	10-29-89
Modern Manor Mobile Home Park (Iowa City)	WS	200	10-29-89
Mount Hamil Tap (Donnellson)	WS	200	10-30-89
Nozey & Mildred Habhab/John F. Constable (Ft. Dodge)	AQ	1,000	-----
Westmore Road & Water Assoc. (Davenport)	WS	200	-----
Don Hess (Mason City)	AQ	400	-----

*On Payment Schedule

The following cases have been referred to the Attorney General:

NAME/LOCATION	PROGRAM	AMOUNT	DUE DATE
Shelter Shield (Buffalo Center)	AQ	1,000	12-03-86
JTM Indust./MacDade/Leamer (Pleasant Valley)	SW	1,000	8-12-87
OK Lounge (Marion)	WS	448	11-01-87
Richard Davis (Albia)	SW	1,000	2-28-88
McCabe's Supper Club (Burr Oak)	WS	335	12-14-88
Wee Willy's (Quasqueton)	WS	450	2-23-89
Eagle Wrecking Co. (Pottawattamie Co.)	SW	300	5-07-89
*Twelve Mile House (Bernard)	WS	119	5-20-89
*Lawrence Payne (Ottumwa)	SW	425	6-19-89
Stan Moser (Hudson)	SW	250	6-27-89

The following administrative penalties have been appealed:

NAME/LOCATION	PROGRAM	AMOUNT
AMOCO Oil Co. (Des Moines)	UT	1,000
Iowa City Regency MHP	WW	1,000
Thomas E. Lennon (Barnum)	FP	700
Great Rivers Coop (Atavia)	HC	1,000
1st Iowa State Bank (Albia)	SW	1,000
Cloyd Poland (Decatur)	FP	800
Land O' Lakes, Inc. (Ellsworth)	WW	1,000
City of Marcus	WS	1,000
Superior-Ideal, Inc. (Oskaloosa)	WW	1,000
IBP, inc. (Columbus Junction)	WW	600
William C. Augustine (Rose Hill)	FP	1,000
Fred's 66 (Davenport)	HC	1,000
King's Terrace Mobile Home Court (Ames)	WW	1,000
King's Terrace Mobile Home Court (Ames)	WS	315
Premium Standard Farms, Inc. (Boone Co.)	WW/AQ	700
Mitchell Boars & Gilts (Madison Co.)	WW/FP	1,000
City of Des Moines	WW	1,000
Des Moines Metro Solid Waste Agency	SW	1,000
Amoco Oil Co. (West Des Moines)	UT	1,000
Paul Klorberdanz d/b/a The Mart (Danville)	UT	1,000
Circle Hill Farms, Ltd. (Ellsworth)	SW	600

The following administrative penalties were paid last month:

NAME/LOCATION	PROGRAM	AMOUNT
Holden's Foundation Seeds, Inc. (Williamsburg)	WR	1,000
Holden's Foundation Seeds, Inc. (Williamsburg)	WR	1,000
Holden's Foundation Seeds, Inc. (Williamsburg)	WR	1,000
Wright County Area Landfill Authority (Dows)	SW	600
South Win Golf Club (Calmar)	WS	100
Grain Processing Corp. (Muscatine)	AQ	500
Donnellson Water Supply	WS	200
Cindi's Chanti (Elgin)	WS	100
Floyd-Mitchell Solid Waste Agency (Charle City)	SW	600
Austin Rumley (Leon)	FP	636

TOTAL \$5,736

Penalties previously assessed to Cattlemen's Steak & Provisions (Belmond), and The Rose Garden (Maquoketa) have been rescinded.

*On Payment Schedule

DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION COMMISSION
ATTORNEY GENERAL REFERRALS
September, 1989

Name, Location and Region Number	New or Updated	Program	Alleged Violation	DNR Action	Status	Date
Aidex Corporation Council Bluffs (4)		Hazardous Waste	Release of Hazardous Substances	Referred to Attorney General	Referred EPA suit filed State intervention Motion to dismiss granted/denied Filed interlocutory appeal Decision in favor of govt. Petition for rehearing denied	12/16/82 2/26/87 3/05/87 2/26/88 3/11/88 4/04/88 7/19/89
Amoco Oil Co. Stuart (4)		Underground Tank	Prohibited Discharge Failure to Report Hazardous Condition	Referred to Attorney General	Referred	6/21/89
ASPRO, Inc. Waterloo (1)		Air Quality	Excess Emissions	Order	Referred	2/16/88
Bozarth and Bell, Inc. Davenport (6)		Solid Waste	Open Dumping	Order	Referred Default Judgment \$7500 Second Lawsuit Filed Consent Decree Filed New Case	2/20/87 6/22/87 8/07/88 8/23/88 11/01/88
Clinton Pallet Co. Clinton (6)		Solid Waste	Open Dumping	Referred to Attorney General	Referred	6/21/89
Cooper, Kenneth/Hunter Oil Minburn (5)		Storage Tank	Spill Cleanup	Order	Cooper Referred Hunter Referred	10/27/87 8/17/88
Davis, Richard & Sonia (5)		Solid Waste	Open Unpermitted Dumping	Referred to Attorney General	Referred Suit Filed Default Judgement Filed Motion to Deny Default	6/22/88 8/11/88 4/21/89 6/14/89
Eagle Wrecking Co. Pottawattamie Co. (4)		Solid Waste	Open Dumping	Order/Penalty	Referred Bankruptcy Claim Filed	6/21/89 7/24/89
Elgin, City of (1)	New	Wastewater	MIP	Order	Referred	8/23/89
Ellsworth, City of (2)		Wastewater	Discharge Limits	Order	Referred	4/18/89
Henry Co. SLF Commission Mt. Pleasant (6)	Updated	Solid Waste	Cover Violations	Order/Penalty	Referred Penalty Paid	6/21/89 7/21/89
Hilltop Feeders (Jorgenson) Winnebiek (1)		Air Quality	Operation Without Permit	Order	Referred Suit Filed Discovery Proceeding	12/15/87 3/24/88
Jerry Jansen Kellogg (5)	Updated	Fish Kill	Prohibited Discharge	Referred to Attorney General	Referred Criminal Info. Filed Guilty Plea	10/20/88 3/20/89
Kinsinger, Vernon Kalona (1)		Solid Waste Air Quality	Open Dumping Open Burning	Order/Penalty	Referred Administrative Penalty Paid	1/24/89 2/23/89
Leamer, Delbert; JTM Ind. Pleasant Valley (6)	Updated	Solid Waste	Open Dumping	Order/Penalty	Referred Suit Filed Consent Decree	11/17/87 3/13/89 8/31/89
McGregor, City of (1)		Wastewater	MIP	Order	Referred	4/18/89
Moser, Stan		Solid Waste	Open Dumping	Referred to Attorney General	Referred	7/19/89
Ogden, City of		Wastewater	MIP, Sludge Disposal	Consent Decree	Referred	7/19/89
Parr Manufacturing, Inc.		Wastewater	Prohibited Discharge	Order	Referred	2/23/89
Renslow, Donald Grand Junction (4)		Underground Tank	Failure to Monitor	Order	Referred Suit Filed Default Judgement	8/17/88 12/30/88 3/06/89
Rumley, Austin and Darrell, Leon (5)	Updated	Flood Plain	Construction Without Permit	Order/Penalty	Referred Case Filed Consent Decree	5/22/89 6/19/89 7/28/89
Sani-Wash Corporation Clinton (6)	New	Wastewater	Prohibited Discharge	Referred to Attorney General	Referred	8/23/89
SEMCO, et. al.		Solid Waste	Cover Violations	Administrative Order	Referred	7/19/89
Touchdown Co., et. al., Webster City (2)		Underground Tank	Prohibited Discharge Failure to Report Hazardous Condition	Referred to Attorney General	Referred	6/21/89
Turner, Ken Ft. Madison (6)		Solid Waste	Open Dumping	Referred to Attorney General	Referred	6/21/89
University Park, City of (5)		Wastewater	MIP	Order/Penalty	Referred Suit Filed	9/28/88 11/14/88

Environmental Protection Commission Minutes

September 1989

DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION COMMISSION
ATTORNEY GENERAL REFERRALS
September, 1989

Name, Location and Region Number	New or Updated	Program	Alleged Violation	DNR Action	Status	Date
					Referred	3/16/87
					Suit Filed	5/13/87
					Trial Set	5/13/88
					Summary Judgment Granted	9/30/88
Waterhouse, James & Berna Washington County (6)	Updated	Flood Plain	Channel Change	Referred to Attorney General	the State Consent Decree	8/28/89
Wee Willy's Quasqueton (1)		Drinking Water	Monitoring/Reporting Bacteria & Nitrate	Order/Penalty	Referred Petition Filed	3/21/89 5/08/89
Wilton Steel Processing (6)	Updated	Wastewater	Prohibited Discharge	Referred to Attorney General	Referred Consent Decree	5/17/88 8/30/89
Winnabago Industries Forest City (2)		Air Quality	Failure to Obtain Permit	Referred to Attorney General	Referred	6/21/89
					Referred	11/24/84
					Consent Decree	4/25/85
					Contempt Finding	7/02/85
					Contempt Finding	9/25/86
					Contempt Finding	8/24/87
					Contempt Finding	11/14/88
					Compliance Date	7/01/89
Wolleson, Robert C. Buena Vista and Cherokee Counties (3)	Updated	Wastewater	Prohibited Discharge	Order	Motion for Mitimus	8/29/89
Woolstock, City of	Updated	Wastewater	Monitoring; effluent violations	Order/Penalty	Referred Consent Decree	2/23/89 8/09/89
Yocum, Max Johnson (6)		Flood Plain	Prohibited Construction	Defending	Suit Filed	12/18/84
				Referred to Attorney General	Referred Counter Claim Filed	7/12/85 10/85
					Trial Held	6/16/87
					Judgment for Department	8/18/87
					Court of Appeals Affirmed	
					Judgment	11/29/88
					Further Review Denied	2/06/89
					Contempt Hearing Rescheduled	9/29/89

DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION COMMISSION
CONTESTED CASES
September, 1989

DATE RECEIVED	NAME OF CASE	ACTION APPEALED	PROGRAM	ASSIGNED TO	STATUS
1-23-86	Oelwein Soil Service	Administrative Order	WW	Landa	Hearing continued.
6-12-86	ADM - Clinton	Administrative Order	Air	Landa	Hearing continued.
12-03-86	City of Waukee	Administrative Order	WS	Hansen	Amended Admin. Order issued.
5-12-87	Iowa City Regency MHP	Administrative Order	WW	Hansen	Hearing held 11-03-87.
6-11-87	Thomas Lennon	Administrative Order	FP	Clark	Appealed to District Court.
8-10-87	Great Rivers Co-op	Administrative Order	HC	Landa	Clean-up completed. Final report requested.
1-15-88	First Iowa State Bank	Administrative Order	SW	Kennedy	Continued. Settlement pending.
1-22-88	IBP, Fort Dodge	NPDES Permit	WW	Hansen	Negotiating before filing.
2-04-88	Beaverdale Heights, Woodsman; Westwood Hills	Administrative Order	SW	Landa	Compliance actions initiated.
2-05-88	Warren County Brenton Bank	Administrative Order	UT	Landa	Phase II submitted and approved.
3-01-88	Cloyd Foland	Administrative Order	FP	Clark	Appealed to District Court.
4-13-88	Land O'Lakes, Inc.	Administrative Order	WW	Murphy	Negotiating before filing.
5-16-88	Marcus, City of	Administrative Order	WS	Landa	Compliance actions completed.
6-22-88	Cindi's Chanti	Administrative Order	WS	Murphy	Settled.
7-01-88	Superior Ideal, Inc.	Administrative Order	WW	Hansen	Hearing continued pending settlement discussions.
7-25-88	Nishna Sanitary Service, Inc.	Permit Conditions	SW	Landa	Compliance initiated.
7-25-88	Aspro, Inc.	Operation Permit	WW	Landa	Dismissed.
8-03-88	Hardin County	Permit Conditions	SW	Landa	Compliance actions initiated.
10-03-88	IBP, Columbus Junction	Administrative Order	WW	Clark	Hearing continued.
10-20-88	Worth Co. Co-Op Oil Northwood Cooperative Elevator Sunray Refining and Marketing Co.	Administrative Order	HC	Landa	Hearing continued. Compliance initiated.
11-14-88	William C. Augustine	Administrative Order	FP	Clark	Negotiating before filing.
11-22-88	Lake Shore Drive, Inc.	Administrative Order	FP	Clark	Hearing continued.

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DEPARTMENT OF NATURAL RESOURCES
 ENVIRONMENTAL PROTECTION COMMISSION
 CONTESTED CASES
 September, 1989

DATE	NAME OF CASE	ACTION APPEALED	PROGRAM	ASSIGNED TO	STATUS
12-02-88	Edward Cain	Permit Denial	FP	Clark	Hearing set for 9/27/89.
12-02-88	Davis Co. Board of Supervisors	Administrative Order	AQ	Landa	Hearing continued.
1-25-89	Amoco Oil Co.	Administrative Order	UT	Landa	Settlement proposed. Clean up progressing.
1-30-89	City of New Market	Permit Revision	WS	Hansen	Negotiating before filing.
2-10-89	Northwestern States Portland Cement Company	Site Registry	HW	Landa	Consent order drafted.
2-10-89	Baier/Mansheim/Hoyer	Site Registry	HW	Landa	Hearing continued.
2-13-89	King's Terrace Mobile Home Court	Administrative Order	WW	Murphy	Negotiating before filing.
2-13-89	King's Terrace Mobile Home Court	Administrative Order	WS	Murphy	Negotiating before filing.
2-16-89	John Deere Co.	Site Registry	HW	Landa	Hearing continued/settlement proposed.
2-16-89	Premium Standard Farms	Administrative Order	WW/AQ	Murphy	Hearing continued.
3-14-89	Dannie R. Hoover and Bill Edwards	Flood Plain Permit Issuance	FP	Clark	Negotiating before filing.
4-13-89	Finlan Landfill	Permit Revocation	SW	Kennedy	Hearing set for 8-24-89.
4-17-89	City of Des Moines	Administrative Order	WW	Murphy	Settlement offer 7-13-89.
4-18-89	Star Coal Company	SWA Denial	SW	Landa	Hearing continued.
4-20-89	Des Moines Metro SLF	Administrative Order	SW	Kennedy	Settlement pending.
5-01-89	Amoco Oil Company	Administrative Order	UT	Landa	Negotiating before filing.
6-07-89	Paul Kloberdanz, d/b/a The Mart	Administrative Order	UT	Landa	Hearing scheduled for 9-12-89.
6-08-89	Shaver Road Investments	Site Registry	HW	Landa	Hearing continued/Discovery initiated.
6-08-89	Hawkeye Rubber Mfg. Co.	Site Registry	HW	Landa	Hearing continued/Discovery initiated.
6-08-89	Lehigh Portland Cement Co.	Site Registry	HW	Landa	Hearing continued/Discovery initiated.
6-08-89	John Deere Dubuque Works	Site Registry	HW	Landa	Appeal withdrawn.
6-08-89	Chicago & NW Transportation Co.	Administrative Order	HC	Landa	Hearing scheduled September 26-28, 1989.
6-08-89	Jay Winders	Permit Denial	FP	Clark	Negotiating before filing.
6-19-89	Grand Mound, City of	Administrative Order	WW	Hansen	Sent to DIA.
6-22-89	Chicago & Northwestern Transportation Co. Hawkeye Land Co. Blue Chip Enterprises	Administrative Order	HC	Landa	Hearing scheduled September 26-28, 1989.
7-11-89	Circle Hill Farms, Ltd.	Administrative Order	SW	Kennedy	Negotiating before filing.
7-19-89	Lehigh Portland Cement Co.	Administrative Order	HC	Landa	Sent to DIA.

Mr. Stokes stated that at the Administrative Rules Review Committee, at their meeting last week, voted to request an economic impact statement on the Water Quality Standards rules. He added that staff will prepare the statement and it will require review and approval by the Commission before it is sent over.

This was an informational item; no action was required.

FINAL RULE--CHAPTER 91, CRITERIA FOR AWARD OF GRANTS

Allan Stokes, Division Administrator, Environmental Protection Division, presented the following item.

The department recommends adoption of the rule proposed in the attached Notice of Intended Action.

The notice was approved by the Commission on July 18, 1989. A public hearing was held on August 30, 1989. Only one comment was received regarding the proposal. A representative of the City of Ames provided an informal oral comment at the hearing expressing the City's appreciation for the proposal since the city would benefit from additional funds provided for bonus grants to innovative and alternative projects.

The rule will increase the bonus grant reserve that is available for cities receiving grant funding for projects qualifying as innovative or alternative technology. The previously designated reserve was 4% of the state's allotment and was insufficient to provide the bonus (increasing the grant from 55% to 75%) to all projects qualifying. Some of these projects were small communities which would have suffered significant economic impact. The rule also provides that the small communities receive first consideration for the reserve funds.

(Rule is shown on the following page)

ENVIRONMENTAL PROTECTION COMMISSION [567]
Adopted Rule

Pursuant to the authority of Iowa Code section 455B.105 and 455B.245, the Environmental Protection Commission adopts amendments to 567--Chapter 91, Criteria for Award of Grants," Iowa Administrative Code.

"Notice of Intended Action was published in Iowa Administrative Bulletin, August 9, 1989, as ARC 100A.

Public hearing was held on August 30, 1989, and one oral comment supportive of the amendment was received.

This rule is identical to that published as Notice of Intended Action.

This rule will become effective on November 22, 1989.

These rules are intended to implement Iowa Code sections 455B.105 and 455B.241 to 455B.246.

Amend subrule 567--91.7(2)a as follows:

a. Innovative and alternative reserve -- The Federal Water Pollution Control Act requires that not less than 4 percent nor more than 7 1/2 percent of the state's annual allotment be set aside to increase the federal share of grant awards for projects which utilize innovative or alternative concepts. The state designates ~~4~~ 7 1/2 percent of its annual allotment for this reserve. Of this amount, not less than ~~1/2~~ 2 1/4 percent of the state's annual allotment must be used for projects utilizing innovative processes. These funds will be used to increase the basic grant amount by as much as 20 percent to a maximum limit of 85 percent. Innovative and alternative reserve projects receiving 55 percent grant will get a 20 percent increase and those projects which after October 1, 1984, continue to get 75 percent will get a grant increase of 10 percent to 85 percent grant funding. The state will obligate these funds first to projects funded with the small community alternative reserve, then to any projects on the fundable list on a first-come basis until this reserve is depleted or remaining funds are reallocated.

Adopted this _____ day of September, 1989.

Larry J. Wilson, Director

(A:EP91.MIN/pg/248A-89)

Motion was made by Nancy Lee Siebenmann to approve Final Rule--Chapter 91, Criteria for Award of Grants. Seconded by Mike Earley. Motion carried unanimously.

REFERRALS TO THE ATTORNEY GENERAL

Mike Murphy, Bureau Chief, Legal Services Bureau, presented the following item.

The Director requests the referral of the following to the Attorney General for appropriate legal action. Litigation reports have been provided to the Commissioners and are confidential pursuant to Iowa Code section 22.7(4).

Lehigh Clay Products. et al. (Lehigh) - water pollution (tabled)
Stickle Enterprises, Ltd., et al. (Cedar Rapids) - air pollution
Gordon Sevig (Walford) - water pollution (tabled)
Land O' Lakes, Inc. (Ellsworth) - water pollution
Milo Chalfant, et al. (Webster City) - solid waste/penalty
City of Graf - penalty collection
Bell Watchers, Inc. (Victor) - water pollution
Albert Schultz/Iowa Iron Works, Inc. (Ely) - solid waste

Stickle Enterprises, Ltd.

Mike Murphy, Bureau Chief, Legal Services Bureau, stated that this matter involves violation of air pollution control laws against open burning. Hawkeye Land Company owns property near the City of Washington and in late June, through Stickle Enterprises, they were clearing this property. On June 21, a complaint was received by the department that trees, brush, used railroad ties, and telephone poles were being burned there. Apparently, there was confusion about what the city told Hawkeye they could burn. On June 21, DNR staff clarified what could be burned there and the burning continued for two days thereafter. Mr. Murphy stated that referral is recommended for injunctive relief, to collect appropriate civil penalties, and to require cleanup of the remaining waste.

APPOINTMENT - JOHN BIRDWELL (Stickle Enterprises)

John Birdwell, Attorney for Stickle Enterprises, Ltd. and Hawkeye Land Company, stated that this was a situation where the right hand did not know what the left hand was doing due to the unavailability of an employee. He then asked Mike Reeve to explain what happened.

APPOINTMENT - MIKE REEVE (Hawkeye Land Company)

Mike Reeve stated that he was notified by a representative who was cleaning the property that a DNR field agent stopped by and expressed concern about materials that were being burned. Mr. Reeve added that he understood it was okay to continue to burn as long as railroad ties, light poles, and a few other items were segregated. He noted that he instructed his operator to pull out those materials. He stated that when they continued to burn, those materials were not pulled out to the extent the DNR would have liked. He related that they did not purposely or knowingly want to violate the open burning statute.

Nancylee Siebenmann asked about a reference in the litigation report when DNR tried to get a response from Hawkeye and was unable to do so.

Mr. Reeve responded that he was on vacation and could not be reached that day and his staff did not want to comment in his absence.

Margaret Prah1 asked about whose responsibility it was to get the appropriate permits and to check the regulations for this activity.

Mr. Reeve replied that he is responsible for doing so, and he checked with the City Attorney of Washington to coordinate what he thought were the necessary permissions to go ahead and open burn.

APPOINTMENT - CRAIG ARBUCKLE (City of Washington)

Craig Arbuckle, City Attorney for the City of Washington stated that Mr. Reeve contacted him after the city had asked Hawkeye Land to correct the problem of the abandoned stockyards. He related that in June, Mr. Reeve asked if there were any local provisions, ordinances, statutes or regulations on burning, and he informed Mr. Reeve that the city did not have any. Mr. Arbuckle stated that he did initiate an inquiry with the local DNR office as to their regulations, and DNR said that if anything substantial was to be burned, it could only be done by declaring it a practice fire exercise. He stated that the fire department could not help them with the fire exercise and that information was passed on to Mr. Reeve. Mr. Arbuckle noted that he also told Mr. Reeve that there were no local ordinances, and it was strictly a matter of State regulations.

Motion was made by Margaret Prah1 for referral to the Attorney General's Office. Seconded by Mike Earley. Motion carried unanimously.

CONSTRUCTION GRANT PRIORITY LIST - FY 90, APPROVAL

Allan Stokes, Division Administrator, Environmental Protection Division, presented the following item.

The department recommends that the Commission adopt the proposed Fiscal Year 1990 Construction Grants State Project Priority List approved by the Commission at its July meeting for a public hearing.

A hearing was held on August 30, 1989. Ten people attended the hearing with four making comment presentations. One written comment was received. The comments have been addressed in a responsiveness summary which recommends that no changes be made to the proposal.

The priority list is developed pursuant to DNR rule Chapter 91. Should the Commission approve the list, it will be submitted to EPA for approval and used by the state to distribute fiscal 1990 federal grant funds when they are appropriated.

(List and comments shown on the following 32 pages)

PROPOSED

STATE OF IOWA

IOWA DEPARTMENT OF NATURAL RESOURCES

FISCAL YEAR 1990

CONSTRUCTION GRANTS STATE PROJECT PRIORITY LIST

CONSTRUCTION GRANTS FUNDING SUMMARY

The attached funding summary is condensed from the proposed Fiscal Year 1990 State Project Priority List. It includes, in priority order, projects anticipated to be funded with available federal allotments through Fiscal Year 1990. Projects from the Fiscal Year 1989 Fundable List which have not yet been awarded a grant are shown in the first column. Projects in the second column comprise the proposed Fiscal Year 1990 Fundable List. The Fiscal Year 1990 Fundable List is based on an allotment of \$12,629,800 for Fiscal Year 1990.

This assumed allotment is equivalent to the Fiscal Year 1989 allotment received from actual Congressional appropriations. It is emphasized that grant funding for the projects on the proposed Fiscal Year 1990 list is dependent on actual appropriations and allotments to Iowa. An allotment less than \$12,629,800 to Iowa may require the removal or grant adjustment of projects on the Fiscal Year 1990 Fundable List. Appropriation of the full authorization of the Clean Water Act would provide an estimated allotment of \$16.1 million to Iowa and may allow projects to be added to the list or grant amounts increased in some cases. The administration's budget proposal to appropriate one-third of authorized funding would likely require the removal of Laurel and Portsmouth and would reduce the grant available to Winterset substantially.

FY 1989 - FY 1990

CONSTRUCTION GRANTS STATE PROJECT PRIORITY LIST

CONSTRUCTION GRANTS FUNDING SUMMARY

		ESTIMATED EPA GRANT ASSISTANCE ***	
STEP	PROJECT	FY 1989	FY 1990
3	Des Moines ICA (segmented)	2,250,000	7,577,850
3	Ames		
3	Marshalltown	2,365,000	
4	Nevada	1,056,000	
4	Iowa Falls		435,600
4	Winterset		985,600
4	West Chester */**		391,050
4	Harvey */**	336,870	
4	Laurel */**		458,200
4	Cumming */**	145,750	
4	St Marys */**	295,680	
4	Portsmouth */**		395,780
FISCAL YEAR FUNDING ESTIMATE		\$6,449,300	\$10,244,080

PROJECT STEP KEY

3 Construction

4 Combination grant for design and construction. Available only when the grant amount is less than \$3 million, the project has not been segmented, and the population is under 25,000.

* Unsewered community

** Small community-alternative technology

*** Grant amount shown is the basic 55% (or 75%) grant. A project may also qualify for innovative/alternative bonus funding.

FY 1990 SUMMARY OF FUNDS

I. Estimated EPA Assistance Required

A. Estimated assistance for projects			\$16,693,380
B. Designated reserve for grant increases			2,691,531
C. Reserve for grant increases for alternative technology	FY 1989	\$ 221,022	
	FY 1990	\$ 663,065	884,087
D. Reserve for grant increases for innovative technology	FY 1988	\$ 89,862	
	FY 1989	\$ 284,170	
	FY 1990	\$ 284,170	658,202
E. Reserve for state management assistance 205(g)	FY 1989	\$ 657,024	
	FY 1990	\$ 657,024	1,314,048
F. Reserve for water quality management 205(j)(1)	FY 1989	\$ 126,298	
	FY 1990	\$ 126,298	252,596
G. Reserve for non-point source management 205(j)(5)	FY 1988	\$ 210,850	
	FY 1989	\$ 126,298	
	FY 1990	\$ 126,298	463,446
H. Reserve for advances of allowances (no need projected FY 1989)			
Total grant needs			\$22,957,290

II. FY 90 Non-additive Set-Aside Reserve Funds

A. FY 1990 reserve for alternative systems for small communities	\$ 505,192
B. FY 1990 quota for unsewered communities	\$ 631,490

III. Available Funds

A. FY 72-87 Carryover (5/01/89)	\$ 6,827,711
B. FY 1988 Allotment Balance (5/01/89)	987,312
C. FY 1989 Allotment Balance (5/01/89)	2,512,467
D. FY 1990 Allotment Assumption	12,629,800
	<hr/>
	\$22,957,290

D:FY90.C

STATE OF IOWA
IOWA DEPARTMENT OF NATURAL RESOURCES

FISCAL YEAR 1990
CONSTRUCTION GRANTS STATE PROJECT PRIORITY LIST

The following list contains detailed information for fundable projects in Fiscal Year 1990. It also shows the priority rankings of all other projects which may be eligible for EPA grant funding but cannot be funded with available funds.

Pages 1 through 3 comprise the fundable list.

A summary of funds on Page 4 shows how available fund balances are proposed to be distributed.

Pages 5 through 6 list the subsequent steps or phases of projects which have been initiated with grants assistance.

Pages 7 through 9 show the relative rankings of all other projects which are not fundable.

DESCRIPTION OF STATE PROJECT PRIORITY LIST INFORMATION

COLUMN	DESCRIPTION
<u>Priority Rank</u>	Priority Rank - This is a sequential order of priorities by project and step.
Priority Points	Priority Points - This is the point source rating according to the criteria contained in 91.10(455B).
Applicant Legal Name	Identification of the eligible applicant.
County Name	
Street Address	
City, Zip Code	
<u>Permit No.</u>	Permit No. - Iowa NPDES discharge permit most closely related to the applicant's project. If the project does not have municipal wastewater treatment and collection facilities, "UNSEWERED" is entered.
<u>Auth/Fac No.</u>	Auth/Fac No. - An identifying number for the facility used in the national Needs Survey conducted by EPA. If multiple authorities exist, the word "MULTIPLES" is entered in place of the authority/facility number.
Grant No.	
Parent	This is the grant number of the predecessor step or project for this project.
Project	
Project Number	This is the grant number including a state assigned facility need number and sequence number. The sequence number is the last two digits and indicates the number of the grant award to the applicant under the assigned facility need number (01 indicates first grant award, 02 second, etc.).
<u>Project Step</u>	Project Step
Type	3 - Construction 4 - Combination grant for design and construction
	Type
	N - New grant award (01 sequence number) C - Continuation grant award (other than 01 sequence number)
State Cert.	Date (year-month-day) by which State anticipates the grant application will be forwarded to EPA for grant award. A preceding F signifies an actual endorsement date, and P indicates a projected target date.
Proj. Desc.	Project Description T - Wastewater treatment facility IT - Interceptor sewer integral to the treatment works as well as a treatment facility Rehab - Cost effective sewer system rehabilitation related to treatment works I(T) - Interceptor sewer construction in lieu of, or an integral phase of treatment works construction, assigned a treatment priority ranking EB - Equalization basin Relief - Relief sewers to transport nonexcessive I/I to treatment facilities Coll - Sanitary sewer collection system Storm Sewer - Cost effective removal of inflow sources; reconnection to storm sewers

A:FY89.C

COLUMN

DESCRIPTION

Sml Comm	Identification of a project as eligible for increased grant funding from the reserve set aside for small communities proposing alternative to conventional wastewater handling systems. R indicates an eligible community of 3,500 people or less. D indicates eligibility of a sparsely populated area of a larger municipality.
<u>Innov Elig Cost</u> Altern Elig Cost	Innov Elig Cost - Projected portion of a project qualifying as innovative technology by EPA guidelines. Altern Elig Cost - Projected portion of a project qualifying as alternative technology by EPA guidelines.
Total Eligible Cost	Projected costs eligible for EPA grant participation.
Est EPA Assist	Estimated amount of EPA grant assistance required for the project.
Elig Cost by Needs Cat	Category: I - Secondary Treatment II - More Stringent Treatment IIIA - Infiltration/Inflow Correction IIIB - Major Sewer System Rehabilitation IVA - New Collectors and Appurtenances IVB - New Interceptors and Appurtenances V - Correction of Combined Sewer Overflows
Enf Req	Enforceable requirement to be satisfied by the project: A - Project satisfies the conditions or limitations of a Section 402 or 404 permit which, if violated, would result in the issuance of a compliance order or initiation of a civil or criminal action under Section 309 of the Clean Water Act. B - Permit has not been issued, but project satisfies a condition or limitation which would be included in the permit when issued. C - Permit is not applicable but project satisfies a requirement anticipated to be necessary to meet applicable criteria for best practicable waste treatment technology. D - Project does not meet an enforceable requirement of the Act. Y - The project, in its entirety, satisfies the enforceable requirements of the Act for the condition stated in the preceding character position. P - Portions of the project do not satisfy the enforceable requirement of the condition stated in the preceding character position.

FISCAL YEAR 1990

CONSTRUCTION GRANTS STATE PROJECT PRIORITY LIST

State: Iowa

EPA Region: 07

Page 1 of 9

Priority Rank (59) Priority Points (H8)	Applicant Legal Name County Name Street Address City, State Zip Code (12, 15, 51, 14, 13, 52)	Permit Number (C2) Auth/Fac. No. (32)	Grant Number Parent Project (B2)	Project Number (02, 01, 54) 03 = 0	Step (87) Type (04)	St Cert (A5)	Proj Desc (20)	Sml Comm (33)	Innov Elig Cost (Y7) Altern Elig Cost (Y8)	Total Eligible Cost (29)	Est EPA Assist (19)	Elig Cost by Needs Cat (Y0-Y6)	Enf Reg
0050 650.24	City of Des Moines Polk County East First & Locust Des Moines IA 50307	IA7727001 MULTIPLES	C190709 10	C190709 61	3 C	P 890831	I Phase 5 Seg 4D			3,000,000	2,250,000	IVB 3,000,000	AY
0060 650.24	City of Des Moines Polk County East First & Locust Des Moines IA 50307	IA7727001 MULTIPLES	C190709 10	C190709 62	3 C	P 891231	I Phase 5 Seg 4A & 4B			4,573,800	3,430,350	IVB 4,573,800	AY
0070 650.24	City of Ankeny Polk County 211 SW Walnut Ankeny IA 50021	IA7709001 MULTIPLES	C190709 10	C190790 09	3 C	P 891231	I Northwest			2,390,000	1,792,500	IVB 2,390,000	AY
0080 650.24	City of Ankeny Polk County 211 SW Walnut Ankeny IA 50021	IA7709001 MULTIPLES	C190709 10	C190790 10	3 C	P 900331	T Phase 3			3,140,000	2,355,000	I 3,140,000	AY
0165 708.98	City of Ames Story County 621 Main Street Ames IA 50010	IA8503001 190023001	C190736 01	C190736 06 Amend 5	3 C	P 891031	T		3,605,000 3,164,000				AY
0190 254.28	City of Marshalltown 24 N Center Street Marshalltown IA 50158	IA6469001 MULTIPLES	C190746 01	C190746 04	3 C	P 890831	T			4,300,000	2,365,000	I 2,150,000 II 2,150,000	AY

CONSTRUCTION GRANTS STATE PROJECT PRIORITY LIST

State: Iowa

EPA Region: 07

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Priority Rank (59) Priority Points (H8)	Applicant Legal Name County Name Street Address City, State Zip Code (12, 15, 51, 14, 13, 52)	Permit Number (C2) Auth/Fac. No. (32)	Grant Number Parent Project (B2)	Project Number (02, 01, 54) 03 = 0	Step (87) Type (04)	St Cert (A5)	Proj Desc (20)	Sml Comm (33)	Innov Elig Cost (Y7) Altern Elig Cost (Y8)	Total Eligible Cost (29)	Est EPA Assist (19)	Elig Cost by Needs Cat (Y0-Y6)	Enf Reg
0200 254.11	City of Nevada 1209 6th Street Nevada IA 50201	IA8562001 190603001	C190845 01	C190845 04	4 C	P 890831	T			1,920,000	1,056,000	I 1,920,000 AY	
0210 190.88	City of Iowa Falls Hardin County 315 Stevens Street Iowa Falls IA 50126	IA4260001 190410001	C190753 01	C190753 02	4 C	P 900630	IT			792,000	435,600	I 678,900 AY IVE 113,100 AY	
0220 147.27	City of Winterset Madison County 101 E Jefferson Winterset IA 50273	IA6171001 190934001	C190743 01	C190743 02	4 C	P 900630	IT Rehab			1,792,000	985,600	I 987,000 AY IIIA 200,000 AY IVE 605,000 AY	
0730 2.10	City of West Chester Washington County Box 115 West Chester IA 52359	UNSEWERED NO NUMBER	C191235 01	C191235 02	4 C	P 900831	T Coll	R	200,000 197,000	711,000	391,050	I 291,500 BY IVA 419,500 D	
0840 1.50	City of Harvey Marion County Main Street Harvey IA 50119	UNSEWERED 191029001		C191308 01	4 N	P 890831	T Coll	R	177,550 307,450	612,500	336,870	I 199,000 BY IVA 413,500 D	
1325 .226	City of Laurel Marshall County P O Box 126 Laurel IA 50141	UNSEWERED 190461001		C191045 01	4 N	P 900630	T Coll	R	441,500	833,100	391,050	I 383,200 BY IVA 449,900 D	

FISCAL YEAR 1990

CONSTRUCTION GRANTS STATE PROJECT PRIORITY LIST

State: Iowa
EPA Region: 07

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Priority Rank (59) Priority Points (H8)	Applicant Legal Name County Name Street Address City, State Zip Code (12, 15, 51, 14, 13, 52)	Permit Number (C2) Auth/Fac. No. (32)	Grant Number Parent Project (B2)	Project Number (02, 01, 54) 03 = 0	Step (87) Type (04)	St Cert (A5)	Proj Desc (20)	Sml Comm (33)	Innov Elig Cost (Y7) Altern Elig Cost (Y8)	Total Eligible Cost (29)	Est EPA Assist (19)	Elig Cost by Needs Cat (Y0-Y6)	Enf Reg
1400 .162	City of Cumming Warren County City Hall Cumming IA 50061	UNSEWERED 190198001		C191273 01	4 N	P 890831	T Coll	R	209,800	265,000	145,750	I 78,000 IVA 187,000	BY D
1410 .154	City of St Marys Warren County City Hall St Marys IA 50241	UNSEWERED 190768001		C191029 01	4 N	P 890831	T Coll	R	111,500 166,000	537,600	295,680	I 206,700 IVA 330,900	BY D
1420 .150	City of Portsmouth Shelby County Portsmouth IA 51565	UNSEWERED 190604001	C190994 01	C190994 02	4 C	P 900831	T Coll	R	620,450	719,600	395,780	I 178,900 IVA 540,700	BY D

I. Estimated EPA Assistance Required

A. Estimated assistance for projects on fundable list			\$16,693,380
B. Designated reserve for grant increases			2,691,531
C. Reserve for grant increases for alternative technology			
	FY 1989 Allotment	\$ 221,022	
	FY 1990 Allotment	\$ 663,065	884,087
D. Reserve for grant increases for innovative technology			
	FY 1988 Allotment	\$ 89,862	
	FY 1989 Allotment	\$ 284,170	
	FY 1990 Allotment	\$ 284,170	658,202
E. Reserve for state management assistance 205(g)			
	FY 1989 Allotment	\$ 657,024	
	FY 1990 Allotment	\$ 657,024	1,314,078
F. Reserve for water quality management 205(j)(1)			
	FY 1988 Allotment	\$ 126,298	
	FY 1990 Allotment	\$ 126,298	252,596
G. Reserve for non-point source management 205(j)(5)			
	FY 1988 Allotment	\$ 210,850	
	FY 1989 Allotment	\$ 126,298	
	FY 1990 Allotment	\$ 126,298	463,446
H. Reserve for advances of allowances (no need projected for FY 1989)			
Total grant needs			<u>\$22,957,290</u>

II. FY 90 Non-additive Set-Aside Reserve Funds

A. Reserve for alternative systems for small communities	\$ 505,192
B. Quota for unsewered communities	\$ 631,490

III. Available Funds

A. FY 72-87 Carryover	(5/01/89)	\$ 6,827,711
B. FY 1988 Allotment Balance	(5/01/89)	987,312
C. FY 1989 Allotment	(5/01/89)	2,512,467
D. FY 1990 Allotment Assumption		<u>12,629,800</u>
		\$22,957,290

FISCAL YEAR 1990

CONSTRUCTION GRANTS STATE PROJECT PRIORITY LIST

State: Iowa
EPA Region: 07

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Priority Rank (59) Priority Points (H8)	Applicant Legal Name County Name Street Address City, State Zip Code (12, 15, 51, 14, 13, 52)	Permit Number (C2) Auth/Fac. No. (32)	Grant Number Parent Project (B2)	Project Number (02, 01, 54) 03 = 0	Step (87) Type (04)	St Cert (A5)	Proj Desc (20)	Sml Comm (33)	Innov Elig Cost (Y7) Altern Elig Cost (Y8)	Total Eligible Cost (29)	Est EPA Assist (19)	Elig Cost by Needs Cat (Y0-Y6)	Enf Reg
0090 650.24	City of Des Moines Polk County East First & Locust Des Moines IA 50307	IA7727001 MULTIPLES	C190709 10	C190709 63	3 C		I Pleasant Hill Phase 9			3,538,100	2,653,570	IVB 3,538,100	AY
0100 650.24	City of Des Moines Polk County East First & Locust Des Moines IA 50307	IA7727001 MULTIPLES	C190709 10	C190709 64	3 C		I Fourmile Phase 8			3,741,400	2,806,050	IVB 3,741,400	AY
0110 650.24	City of Des Moines Polk County East First & Locust Des Moines IA 50307	IA7727001 MULTIPLES	C190709 10	C190709 65	3 C		I So Tier Phase 10 Segment 5			3,100,000	2,325,000	I 3,100,000	AY
0120 650.24	City of Des Moines Polk County East First & Locust Des Moines IA 50307	IA7727001 MULTIPLES	C190709 10	C190709 66	3 C		I Westside M Br FM Phase 5			2,200,000	1,650,000	IVB 2,200,000	AY
0130 650.24	City of Des Moines Polk County East First & Locust Des Moines IA 50307	IA7727001 MULTIPLES	C190709 10	C190709 67	3 C		I Saylor Creek Phase 7			2,900,000	2,175,000	IVB 2,900,000	AY
0140 650.24	City of Des Moines Polk County East First & Locust Des Moines IA 50307	IA7727001 MULTIPLES	C190709 10	C190709 68	3 C		I Beaver Creek Phase 6			2,038,000	1,528,500	IVB 2,038,000	AY

FISCAL YEAR 1990

CONSTRUCTION GRANTS STATE PROJECT PRIORITY LIST

State: Iowa
EPA Region: 07

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Priority Rank (59) Priority Points (H8)	Applicant Legal Name County Name Street Address City, State Zip Code (12, 15, 51, 14, 13, 52)	Permit Number (C2) Auth/Fac. No. (32)	Grant Number Parent Project (B2)	Project Number (02, 01, 54) 03 = 0	Step (87) Type (04)	St Cert (A5)	Proj Desc (20)	Sml Comm (33)	Innov Elig Cost (Y7) Altern Elig Cost (Y8)	Total Eligible Cost (29)	Est EPA Assist (19)	Elig Cost by Needs Cat (Y0-Y6)	Enf Reg
0150 650.24	City of Des Moines Polk County East First & Locust Des Moines IA 50307	IA7727001 MULTIPLES	C190709 10	C190709 69	3 C		I So Tier Phase 10 Seg 3,4			2,200,000	1,650,000	IVB 2,200,000	AY
0160 650.24	City of Des Moines Polk County East First & Locust Des Moines IA 50307	IA7727001 MULTIPLES	C190709 10	C190709 70	3 C		I HE/So Tier Phase 10 Seg 1,2B			400,000	300,000	IVB 400,000	AY

FISCAL YEAR 1990

CONSTRUCTION GRANTS STATE PROJECT PRIORITY LIST
DISCHARGER RANKING

Page 7 of 9

Points	Project	Points	Project	Points	Project	Points	Project
		29.26	Sully	8.44	Lamoni	3.35	Ferguson *
		23.97	Stacyville	8.40	Jesup	3.25	Graettinger
136.09	Hampton	18.96	Victor	8.38	West Point	3.19	Clear Lake SSD
130.76	Edgewood	18.80	Colfax	8.24	Danville	3.02	Bennett
123.58	Fort Dodge	18.73	Sumner	7.59	Blairtown	2.94	Anamosa
119.41	Albia	17.90	Corning	7.56	Anita	2.75	Low Moor
105.71	Washington	17.71	Dyersville	7.06	Dunlap	2.51	Preston
69.06	Oskaloosa	16.60	Dows	7.05	Dumont	2.50	Lake Park
55.63	Coralville	14.53	Conrad	6.72	Grinnell	2.16	Fort Atkinson *
				6.61	Bussey *		
43.37	Adel	12.82	Wheatland	6.60	Marengo		
				5.88	Deep River *		
41.26	Durant	12.09	Onawa	5.18	Wyoming	1.99	Milo
38.14	Cedar Falls	11.16	Goldfield	4.73	Denver	1.81	Decatur City *
36.36	Humboldt	10.92	Martensdale	4.05	Kiron	1.77	Fenton *
36.08	Waterloo	10.79	Woodbine	4.02	Oakland	1.75	Madrid
35.95	Gladbrook	9.96	Missouri Valley	3.93	Wellman	1.75	Joice *
30.23	Carlisle	9.78	Ely	3.60	Millersburg *	1.68	Haverhill *

* Unsewered Community

CONSTRUCTION GRANTS STATE PROJECT PRIORITY LIST
DISCHARGER RANKING

Points	Project	Points	Project	Points	Project	Points	Project
1.65	Lone Rock *	.941	Colo	.566	Lincoln	.321	Masonville *
1.58	Moorland *	.908	Scranton	.545	Albion	.294	Adair
1.57	Monticello	.862	Lake View	.541	Grand Junction	.278	Grand Mound
1.54	Luxemburg *	.847	Maysville *	.513	Havelock *	.226	Spragueville
1.49	Calmar	.812	Van Horne	.507	Russell	.224	Hawkeye
1.47	Williamsburg	.782	Promise City *	.464	Marne *	.217	Shambaugh
1.42	Griswold	.769	St Anthony	.462	Rose Hill *	.215	Persia *
1.37	Palmer *	.724	Alta Vista	.452	Swaledale *	.198	Farnhamville
1.34	Evansdale	.714	Oran SSD *	.429	Hedrick	.195	Winthrop
1.24	Marcus	.643	Riverton *	.419	Le Grand	.187	Lawton
1.16	Bouton *	.633	Webb *	.416	Peosta *	.168	Exline *
1.05	Numa *	.611	Center Point	.397	Essex		
.988	Lucas *	.610	Williamson *	.391	Grant *	.150	Ossian
.966	Melrose *	.580	Graf *	.390	East Peru *	.148	Gruver *
.965	Earlham	.578	Larchwood	.368	Hastings *	.120	Spring Hill *
.953	Walnut	.574	State Center	.358	Ayrshire *	.099	Lehigh

* Unsewered Community

FISCAL YEAR 1990

CONSTRUCTION GRANTS STATE PROJECT PRIORITY LIST
DISCHARGER RANKING

Page 9 of 9

Points	Project	Points	Project	Points	Project	Points	Project
.098	Readlyn	.052	Larrabee	.018	Palo	.001	Eldon
.083	Stanhope	.052	Ollie *	.016	Farragut	.0003	Morley *
.078	Maple Heights SSD *	.045	Little Sioux *	.014	Pleasanton *	.0000	Mondamin
.077	McCausland	.042	Clarence	.010	New Liberty *	.0000	Leland
.072	Donahue	.038	Shellsburg	.007	Kirkville *	.0000	Newhall
.066	Keota	.038	Dexter	.007	Bellevue	.0000	Whittier SSD *
.064	Millerton *	.035	Wapello	.006	Redfield		
.062	Lockridge *	.025	Atkins	.006	Alleman *		
.060	Monroe	.025	Ireton	.005	Slater		
.055	Denmark SSD *	.022	Oyens	.001	Harpers Ferry *		

* Unsewered Community

Responsiveness Summary to the Public Hearing On The
Proposed Construction Grant Priority List for FY 1990

The public hearing on the proposed construction grants Priority List for Fiscal Year 1990, was held at 10:30 a.m., August 30, 1989.

The hearing was conducted by Wayne Farrand of DNR staff, who made an opening statement prior to accepting comments. The text of the statement is attached. Ten persons were in attendance excluding DNR personnel. Several comments were presented. One written comment was received prior to the hearing. All comments have been considered on their merit for impact on the priority list proposed by DNR. A summary of each comment, a discussion and a recommendation is included in this Responsiveness Summary.

Based on this summary, the department has concluded that the proposed Fundable List warrants no change and recommends it approval by the Environmental Protection Commission.

DEPARTMENT OF NATURAL RESOURCES - OPENING
STATEMENT FOR THE PUBLIC HEARING ON T HE
PROPOSED FISCAL YEAR 1990 CONSTRUCTION GRANTS
STATE PROJECT PRIORITY LIST - PRESENTED BY
WAYNE FARRAND.

A HEARING IS SCHEDULED FOR 10:30 REGARDING A
PROPOSAL BY THE IOWA DEPARTMENT OF NATURAL
RESOURCES FOR THE EPA CONSTRUCTION GRANTS
PRIORITY LIST FOR FISCAL YEAR 1990. IT BEING
10:30, I DECLARE THIS HEARING OPEN. NOTICE OF
THIS HEARING WAS PUBLISHED AND DISTRIBUTED ON
OR BEFORE AUGUST 1, 1989, IN A SPECIAL
MAILING TO ALL CITIES, COUNTIES, CONSULTING
ENGINEERS, SANITARY DISTRICTS, COUNCILS OF
GOVERNMENT, AND AREAWIDE PLANNING AGENCIES.
THE NOTICE WAS ALSO PUBLISHED IN T HE DES

MOINES SUNDAY REGISTER ON AUGUST 6, 1989.

THE PROPOSED LIST WAS DEVELOPED ACCORDING TO
DNR RULE 567--91 WHICH DELINEATES HOW THIS
LIST IS TO BE DEVELOPED AND ADMINISTERED.

THE PRIORITY LIST IDENTIFIES THE CITIES
PROPOSED TO RECEIVE EPA FUNDS IN THE FISCAL
YEAR SPECIFIED.

THIS HEARING IS A REQUIREMENT OF EPA TO ALLOW
PUBLIC INPUT IN THE DEVELOPMENT OF THE LIST.
IT HAS BEEN PROVIDED TO EPA FOR THEIR COMMENT
AND IS SUBJECT TO THEIR APPROVAL. FISCAL
YEAR 1990 BEGINS OCT 1, 1989. 1990 IS THE
LAST YEAR FOR WHICH THERE IS AN
AUTHORIZATION FOR FUNDING BY CONGRESS FOR THE
CONSTRUCTION GRANTS PROGRAM. THE PROPOSED
LIST IS BASED ON AN ASSUMED APPROPRIATION
THAT WOULD ALLOW AN ALLOTMENT TO IOWA EQUAL

TO THE ALLOTMENT OF 1989, WHICH WAS \$12.6M.
AS OUR NOTICE INDICATED, VARIANCE OF AN
ACTUAL APPROPRIATION FROM THIS ASSUMPTION
COULD REQUIRE ALTERATION OF THE NAMES ON THE
LIST. IF THIS OCCURS WE DO NOT ANTICIPATE
THE NEED TO HOLD ANOTHER HEARING AS THE RULE
IN CHAPTER 91 GOVERNS HOW THE LIST WOULD BE
ADMINISTERED. THE SUMMARY LIST SHOWED THE
1989 PROJECTS WHICH TO DATE HAVE NOT YET BEEN
FUNDED. FUNDING FOR THESE IS ANTICIPATED
SHORTLY BY EPA ACTION. WE WILL NOW ACCEPT
COMMENTS ON THE PROPOSED EPA CONSTRUCTION
GRANTS PRIORITY LIST FOR FISCAL YEAR 1990.

COMMENT SUMMARY

1. Commenter: Randy Van Winkle of Van Winkle and Hart Engineering on behalf of the city of Laurel.

Comment: Submitted orally and in writing at the hearing. Laurel has submitted a grant application and is on the priority list. Laurel would like to amend its application to include in the project sewer service for the cities of Haverhill and Ferguson and provide a regional treatment system. They anticipate this is cost-effective for all three cities. This would require a larger grant based on a project cost of \$1.9 M (\$1.1 M grant) versus a grant of \$470,000 shown on the list. The city would like their amended application to be considered for inclusion on the list. (Comment letter is attached to this summary).

Discussion: The facility plan for Laurel, which was on file by the April 1 deadline, did not include Ferguson and Haverhill. However, DNR rules also state that EPA requirements must be met (cost-effective projects) and the state will approve for funding an entire cost-effective project, subject to available funds. Rules also state that where a joint system is proposed, the project will receive funding consideration at the combined priority ranking of the communities involved. A combined priority would total 4.256 which would place the project at a higher priority than West Chester. The department does not yet have a proposal or grant application for the joint project. The proposed fundable status of Laurel was based on it qualifying as an alternative technology project credited to a federally mandated reserve (4% of total grant funds) for funding small community alternative technology. West Chester and Portsmouth are shown as fundable on the list also due to their qualifying for this reserve. The cost of the alternative project for Laurel could affect the fundable status of both West Chester and Portsmouth. With the joint project at the highest priority of the alternative reserve projects and based on the cost estimates in the comment, no other projects would be necessary to satisfy the reserve mandate. However, an actual grant project amendment (revised facility plan) has not been received. Any revision will need to pass the rigorous technical and eligibility review to qualify for funding. Only preliminary cost estimates have been presented. Since this joint project would have a significant bearing on funding for two other projects, the advisability of a list revision at this time could be questioned. If the list is not adjusted now, but later and before a lower priority project is grant funded, it could eliminate funding for the lower priority project.

An option would be to adopt the list considering all projects on it to be fundable with final grant amounts to be determined. There is actually precedent for this as nearly all projects' grants vary at least somewhat from the priority list estimates after final reviews. Even if reserve funds are fully utilized, there are regular funds undesignated (generally considered for grant adjustments, and variance of initial grants from the amounts shown on the list) which will likely be available.

Recommendation: No change in the proposed list at this time. It should be adopted as the 1990 Fundable List. If a future Laurel project revision

supports funding for an expanded project, priority fundable projects should be continued with funding from any available reserve funds or undesignated regular funds.

2. Commenter: Thomas J. Vilsack, Mayor of Mt. Pleasant, Iowa.

Comment: Received in writing prior to public hearing. The city of Mt. Pleasant protests the list because:

- a. Allotting Des Moines ICA 75% of the funds is unfair to other cities.
- b. Proposed revisions in Water Quality Standards will impact many cities financially. Mt. Pleasant and many others have updated treatment without state and federal money and new requirements warrant placing these cities on the list to help meet the financial burden of revised standards. (Comment letter is attached to this summary).

Discussion:

- a. Previous deliberations in rule making established the cap of grant funds any one project could use at 60% of each year's fund. The ICA grant for FY 1990 is 60% of the anticipated FY 1990 allotment. The list also shows some FY 1989 funding which has not yet been granted. The FY 1989 grants will all be made soon.
- b. Water Quality Standards are not yet revised. Even after adoption, it will be some time before specific impacts will be known. A lengthy implementation period is likely if currently proposed or significant revisions prevail. This will likely extend beyond the allotment period of FY 1990 grant funds making consideration for equitable distribution for this purpose moot. The last year grant funds of FY 1990 are also insignificant compared to the needs that may result from any Water Quality Standards revisions.

Recommendation: No change in the proposed FY 1990 Construction Grants Priority List.

3. Commenter: Scott Fehseke, city of Keokuk.

Comment: Submitted orally and in writing at the public hearing. In 1982, Keokuk initiated litigations through arbitrations against the designers of their grant funded project for \$6.5 M in damages. Only about \$250,000 was awarded while the city incurred litigation costs of approximately \$1 M. This city claimed grant eligibility of litigation costs and following a lengthy administrative process EPA finally allowed a grant amendment that provided the costs could be grant funded. The city contends that state decisions in allowing this funding have been arbitrary and without regulatory basis. Placing the city on the bottom of the priority list is not appropriate for grant amendments and would not provide the grant funding needed for Keokuk's amendment. The conditional requirements for eligibility set forth by EPA's grant amendment that allowed eligibility of these costs in the project description will be costly to meet by the city and even then, the state's position offers no assurance of reimbursement. The city requests the commission's review of the matter. (Mr. Fehseke

specifically requested that commissioners receive a copy of the city's letter, signed by W. Fred McLaughlin, Mayor of Keokuk. The mayor's letter was addressed to the commission and has been duly forwarded to all members. It is also attached to this summary).

Discussion: As commented, the issue of funding for arbitration costs has been long standing. EPA's grant amendment is based on a deviation request approved by EPA headquarters and allows a deviation from applicable regulations to allow grant funding for the requested costs. The grant amendment written by EPA merely includes litigation costs in the grant project description, as EPA is aware that any grant dollar increase must be endorsed by the state, and therefore the administrative process to consider grant adjustments is up to the state. DNR has established a position in this case.

If, as the city contends, placement on the list is not necessary for grant amendments (grants are commonly amended without "reappearing" on the priority list) their comment on the priority list is not necessary except to assure that all funds are not assigned to new projects to the extent that there is not enough in the grant increase reserve fund to meet their need. Although this was not mentioned it could be important should the issue be resolved favorably for the city. The city appeals to the commission for resolution. Their request could have occurred at any time, but is perhaps pertinent as DNR has indicated that Keokuk must appear on the fundable list to receive reimbursement. A newly calculated priority rating would presumably put Keokuk out of the fundable picture. Whether this is appropriate action is at issue. DNR's position is based upon the fact that a 75% grant for a million dollar cost item is significant enough to warrant special consideration. Such an amendment to an original grant of 1975 vintage would use 1990 funds for reimbursing litigation costs for resolved damage issues in old projects rather than funding new projects. The city has noted that they are not shown on the proposed priority list. This was due to the fact that the priority would be too low for funding anyway and also the state has no assurance that the city could meet EPA's eligibility conditions if it were made fundable. The city claims that administrative delays in decisions on their issues have essentially ruled out grant availability at this point in the program. The chronology bears out that state decisions were timely and appropriate under applicable regulations. EPA decisions have been very delayed. This was unfortunate but not necessarily significant to the present issue of whether or not to increase Keokuk's grant by approximately \$750,000 to reimburse litigation costs. An earlier low priority assignment would not have had a bearing on fundability by Keokuk working its way up in priority as this is not effectively how the priority system (DNR rules) would apply. A large grant increase reserve is included on the proposed list which is based on assumed grant allotments. With this reserve, the issue of the appropriateness of a grant increase could take place outside the priority list process.

Recommendation: No change in the proposed priority list is recommended at this time.

4. Commenter: Bill Eftink of Probe, Iowa, landowner near St. Marys, Iowa.

Comment: Concern was expressed that information he had on project changes to the St Marys project could affect the city's priority. The site of the treatment facility has changed. All homework has not been done and perhaps the priority should be lowered until it is. The original proposal is not an accurate description of the project. Costs do not reflect the current project. Commissioners should be aware of these things when considering priorities.

Discussion: Priorities are not normally based on the solution to a problem but the water quality impact of the current situation according to DNR's priority system rules. A fundable priority is not assigned without assurance of a project proposal to correct a problem. Project changes such as site adjustments for a facility do not have a direct bearing on priority. Projects normally go through minor adjustments as they are finalized through facility plan review. The St. Mary's project is an FY 1989 project as yet unfunded (and therefore still appearing on the fundable list). There were siting difficulties involved and DNR must assure planning/siting requirements are met. The St. Marys' project has been endorsed for federal grant funding and should receive its grant soon.

5. Commenter: Bob Howell, Mayor of Winterset.

Comment: Presented orally at hearing. City of Winterset is undertaking a 3 phase improvement plan. The city recognizes its needs and requests consideration for all funds possible. The city is on the fundable list.

Discussion: Winterset is scheduled for funding based on the anticipated allotment equivalent to that for FY 1989. Should actual allotments be less, Winterset could get less funds than presently shown on the list.

Recommendation: No change in the list at this time.

Van Winkle & Hart Engineering

1701 S. Riverside Drive
Iowa City, Iowa 52240
319-338-4939

August 29, 1989

Mr. Wayne Farrand
Iowa Department of Natural Resources
Henry A. Wallace Building
900 E. Grand Avenue
Des Moines, Iowa 50319

Dear Mr. Farrand:

The City of Laurel has submitted a facility plan in March 1989, and was placed on the planning list for an EPA Construction Grant. The City has since completed most of the planning process and has submitted an application for an EPA Grant in the amount of \$470,367.00. On behalf of the Cities of Haverhill, and Ferguson the City of Laurel would like to amend their grant application to include wastewater collection systems in both Haverhill and Ferguson the required force mains to transport wastewater to a centrally located wastewater treatment lagoon and a larger aerated lagoon capable of treating the wastewater from all three cities. The amended grant application to provide wastewater collection and treatment for all three towns will request that the amount of the grant be increased to \$1,138,160.00. This number is an approximate number and is based on preliminary cost estimates only. The total project cost to serve all three communities will be approximately \$1,903,320.00.

We believe that serving all three communities with one centrally located wastewater treatment facility is a more cost effective solution than providing collection and treatment facilities individually for each town. It would cost approximately \$2,100,000.00 for individual collection and treatment facilities for all three towns. We will save approximately \$200,000.00 of construction cost by utilizing a single treatment facility. In addition we expect to realize significant savings annually to each of the cities for operation and maintenance of a single wastewater treatment lagoon as opposed to three separate aerated lagoons.

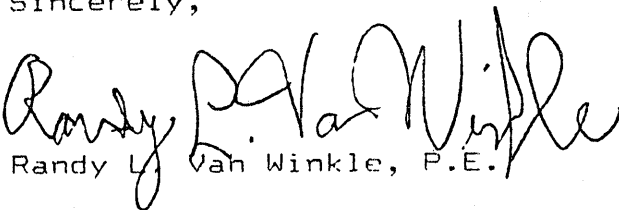
The cost of each individual city's collection system as well as the treatment facilities is tabulated on the attached sheet. The costs have been broken down into conventional technology construction costs, and alternative technology construction costs in accordance with IDNR guidelines. The alternative technology items are the following: In the City of Laurel there will be 6 grinder pump stations with small diameter force mains serving several residences which are either on the fringes of the system or at elevations which will not enable them to be served by gravity. The cities of Haverhill and Ferguson will have collection systems utilizing septic tanks to remove solids and small diameter gravity sewer mains. The treatment system will be an aerated facultative lagoon with wetland seepage ponds.

Mr. Farrand
August 29, 1989
Page 2

We believe that the force mains should be considered alternative treatment technology due to the fact that we will be sharing a single wastewater treatment facility and the force mains are required to provide for this sharing. We have not however, included the cost of the force main construction as an alternative treatment technology because this has not yet been approved by the Department of Natural Resources. We will be meeting with IDNR personnel to discuss this further in the near future. The remainder of the City of Laurel collection system will be conventional gravity sewers. The table enclosed shows the alternative and conventional costs for each phase of the project as well as cost which will not be eligible which include the land purchase, easements and construction interest. This letter admittedly does not detail the cost estimate or give any further information of the breakdown of the cost, but is intended primarily to request the additional funding due to the proposed grant amendment. Detailed cost estimated will be included with the formal grant amendment when it is submitted.

The cities of Laurel, Haverhill, and Ferguson respectfully request your consideration of this grant amendment as we feel that it is the most cost effective way of providing wastewater treatment and collection facilities for three currently unsewered communities, utilizing alternative construction technology. If you have any questions concerning our proposed grant amendment please direct them to myself at Van Winkle & Hart Engineering. Our phone number is (319) 338-4939.

Sincerely,


Randy L. Van Winkle, P.E.

~~Chris Miller~~

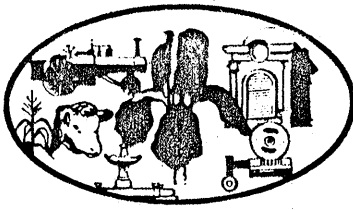
~~Roy Hawn~~

~~Charles Jennings~~

RLV/ssm

At a special meeting of the Laurel City Council last night the Council indicated that they support the grant amendment in theory but will not approve amending the grant application until the details of the agreement are all settled and in writing. We are proceeding on preparing this agreement.

	Conventional	Innovative/Alternative	Not Eligible
Laurel Collection System	257,039	21,688	65,955
Haverhill Collection System	44,000	205,600	9,700
Ferguson Collection System	<u>44,000</u>	<u>205,600</u>	<u>9,700</u>
Collection System Construction Totals	345,039	432,888	85,355
Transmission Lines	326,725		
Lagoon		247,750	22,250
Total Project Construction	671,764	680,638	107,605
Design	73,426	87,246	
Legal	64,769	76,860	
Inspection	32,500	55,000	
Interest			53,514
Eligible Total	\$842,459	\$899,744	



The Iris City

CITY OF MT. PLEASANT, IOWA

Two Twenty West Monroe
Mt. Pleasant, Iowa 52641

August 28, 1989

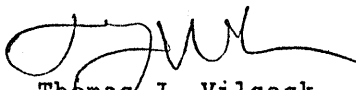
Wayne Farrand
D.N.R. Henry Wallace Building
900 East Grand Avenue
Des Moines, Iowa 50319-0034

Dear Sir:

The City of Mt. Pleasant would like to go on record in protest to the 1990 E.P.A. Construction Grants Project Priority List, for the following reasons:

1. To allot Des Moines ICA project approximately 75% of the funds is unfair to the tax payers and sewer users of other cities in the state.
2. The proposed Revisions to the Iowa Water Quality Standards will probably impact every city in the state financially, Many of these cities including Mt. Pleasant have already up-dated their treatment facilities without the use of state and federal money, and it now would be equitable to place these cities on the priority list. In order for them to meet the financial burden that may be imposed by these revised standards.

Yours very truly,


Thomas J. Vilsack
Mayor

CITY OF KEOKUK

P. O. BOX 268
KEOKUK, IA. 52002

W. FRED McLAUGHLIN — MAYOR

ALDERMEN

CHARLES S. ABELL — AT LARGE
GARY COLLINS — AT LARGE
JAMES SMITH — 1ST WARD
JEFFREY JEFFERS — 2ND WARD
ROBERT GALLOWAY — 3RD WARD

DAVID HARMON — 4TH WARD
JANET FIFE — 5TH WARD
GORDON GUSTAVSON — 6TH WARD
BEN RICHARDSON — 7TH WARD

J. A. FINERTY — CITY CLERK
TELEPHONE 319-524-2050

August 28, 1989

Iowa Department of Natural Resources
Environmental Protection Commission
Henry A. Wallace Building
Des Moines, IA 50319

Dear Commissioners:

In 1982 the City of Keokuk, in accordance with directions from the U. S. EPA and the then Iowa Department of Environmental Quality, initiated a litigation process against Sverdrup & Parcel & Associates and Monsanto and Enviro-Chem Systems, Inc., the designers of the EPA grant-funded secondary treatment system at the municipal waste water treatment plant. The litigation took place through arbitration proceedings held in late 1983 and early 1984. The arbitration results were very negative for the City. More than \$6.5 million of damages had been claimed, but only \$249,862 were awarded in the arbitrators' decision which was rendered in May, 1984. The professional costs which the City incurred throughout the litigation process amounted to \$992,374.

Throughout the litigation process, the City made numerous requests to EPA for a determination as to the eligibility of professional costs and advised EPA and the State throughout the litigation process of all costs being incurred. After the arbitration decision, the City again requested a grant amendment from EPA and the State to reimburse the litigation costs. This was the beginning of a very long and expensive administrative process for the City, which finally led to execution of a grant amendment on December 2, 1988 that allowed the professional costs as part of the original grant. A chronology summarizing the major events of this process is presented later in this letter. The City contends that the State's decisions have been arbitrary and not properly based upon applicable regulations. Additionally, at no time during this appeal process, would the State's representatives attend a hearing at EPA, and thus, the City was denied its right to cross examine the government's witnesses--a right which is expressly guaranteed under the applicable regulations.

In a March 31, 1989 letter from Alan Stokes, the City was advised that the State would endorse the grant increase of the

grant amendment but would do so by placing the City on its priority list--at the bottom of the list. We contend that this is not the proper administration procedure of this grant amendment since amendments to projects come before projects that have not yet been funded. The State's intention to use this type of process, although sounding cooperative, has the same effect as the State's past decisions and procedures of handling this matter with the City of Keokuk. In effect, the City of Keokuk will receive no funds, since the EPA construction grant funding is coming to an end. Even if this were the proper way for this grant amendment to have been handled, the City has effectively lost its ability to receive funding due to inordinate delays in the administrative process as you will note by review of the chronology presented in this letter. Furthermore, even if the starting at the bottom of the priority list was the proper method of handling this amendment, the City of Keokuk has not been listed on the "fiscal year 1990 construction grants State project priority list" which is the subject of your August 30, 1989, public hearing.

The chronology that follows summarizes other pertinent activities relative to this dispute.

- In May, 1984 the arbitration decision was received and was substantially unfavorable to the City.
- By letter dated October 12, 1984 the City again requested grant amendment from EPA and the State to reimburse litigation costs.
- By letter of December 17, 1984 EPA Region VII directed the City to request reimbursement of legal cost to the State of Iowa.
- By letter of January 25, 1985, the State denied grant eligibility of the cost.
- By letter dated February 21, 1985 the City appealed the State's January 25, 1985 denial for reimbursement to the State.
- By letter of April 5, 1985 the State denied the appeal by final decision of the Executive Director of the Iowa Department of Environmental Quality (now Iowa Department of Natural Resources--Iowa DNR).

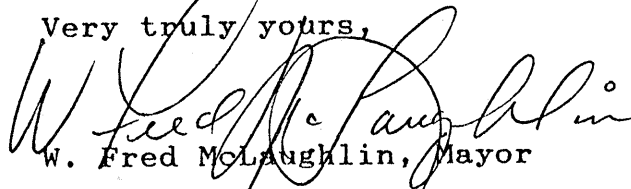
- ✱ - By letter of April 18, 1985 the City requested review by the EPA Regional Administrator, Region VII of the State's final decision. An informal conference was held on June 25, 1985 at which the City presented its request for a formal grant amendment.
- By letter of February 2, 1987 the City objected to the extreme delay in receiving any response from EPA Region VII and submitted supplemental information.
- By letter of February 20, 1987 the City was advised by EPA Region VII that a decision was projected for issuance by March 31, 1987.
- ✱ - On October 1, 1987 the EPA Region VII dispute decision official's (DDO) decision was finally rendered pursuant to 40 CFR Part 30, Subpart L, affirming the State's denial of the City's professional cost, but stated that the circumstances demonstrated in the record of this matter might allow a grant deviation and that EPA Region VII was preparing a request to EPA Grants Administration Division for such a deviation.
- By letter of October 28, 1987 the City appealed the EPA Region VII DDO's decision while expressing encouragement by the Region's willingness to recommend a grant deviation. A hearing concerning the City's appeal was deferred while awaiting a decision from EPA concerning the grant deviation.
- By June 1988 still no decision concerning the grant deviation had been received and an informal conference was held on June 28, 1988 concerning the City's appeal of the DDO's decision.
- By memorandum dated October 4, 1988 from Harvey G. Pippin, Jr., Director of EPA Grants Administration Division to EPA Region VII, the grant deviation was allowed and on December 2, 1988 the City executed the Amendment No. 8 and forwarded it to EPA Region VII. The City is working towards preparing the information stated in the grant amendment.
- On January 13, 1989 City representatives met with Iowa Department of Natural Resources (Iowa DNR) and EPA Region VII representatives to determine the practical effect to the City of receiving the grant amendment. Further follow-up to this meeting was sent to Iowa DNR in a March 13, 1989 letter from the City.

Iowa Department of Natural Resources
Environmental Protection Commission
August 28, 1989
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- By letter of March 20, 1989, the City received the Regional Administrator's review affirming the DDO's decision. It is this final action by the Regional Administrator that is now the subject of this current appeal.
- By letter of March 31, 1989 the State advised the City that it will endorse the grant increase of the grant amendment by placing the City on its priority list--at the bottom of the list.

The purpose of this letter has not been to set forth specific legal arguments, but rather to inform you, the Commissioners, of the difficulties encountered by the City of Keokuk in this matter. The City is a small unit of local government, that, due to limited resources and changing personnel, is having difficulty maintaining the staying power to pursue this lengthy process with the State and EPA. Completely fulfilling the requirements of the grant amendment will be a costly item for the City, and still only offers the prospect of further prolonged administrative processes without the hope of receiving funds. The City acted in good faith in 1982 when it initiated this process under directions from EPA and the State. We regret being in this position with the Iowa Department of Natural Resources with which we enjoy a cooperative relationship in other areas. We do request your sincere review of this matter and appeal to you in developing a solution to the mutual satisfaction of the City, DNR, and EPA without having to pursue further legal and administrative procedures.

Very truly yours,



W. Fred McLaughlin, Mayor

de:DW4/DOC/IDNR-E

Iowa Department of Natural Resources
Environmental Protection Commission
August 28, 1989
Page 5 of 5

CC: Regional Administrator
U. S. Environmental Protection Agency
Region VII
726 Minnesota Avenue
Kansas City, KS 66101

Wayne Farrand, P. E.
Iowa Department of Natural Resources
Henry A. Wallace Building
900 East Grand
Des Moines, IA 50319

Carl McMurray, Esquire
City Attorney
P. O. Box 906
Keokuk, IA 52632

Scott Fehseke, P. E.
City of Keokuk
P. O. Box 268
Keokuk, IA 52632

Donald G. Gavin, Esquire
Wickwire, Gavin & Biggs, P. C.
Suite 400, 8230 Boone Boulevard
Vienna, VA 22180-2669

Mr. Stokes explained the funding for these grants.

Discussion took place regarding regional type treatment; the Keokuk project and litigation cost funding; the Grant Increase Reserve Fund and how it works; and the Laurel project.

Motion was made by William Ehm to approve the Construction Grant Priority List for FY 90. Seconded by Mike Earley. Motion carried unanimously.

Mike Earley requested that staff present a briefing at the October meeting in regards to funding costs on the Keokuk project.

Mr. Stokes stated that it would be appropriate to invite representatives of EPA to explain their position on past actions on the Keokuk case as well.

REFERRALS TO THE ATTORNEY GENERAL (Continued)

Gordon Sevig

Mike Murphy noted that at last month's meeting the Commission chose to delay this case for 30 days. Mr. Murphy circulated photos showing where the swine waste from a storage lagoon went directly through a hose into a tile line and discharged into a creek. An inspector with DNR observed solids in the stream at the location of the tile outlet. Samples were taken upstream and downstream documenting the pollution of the stream. He pointed out that there are either civil or criminal sanctions available for this type of violation. Mr. Murphy stated that Mr. Sevig owns this property in Benton County and his son-in-law, Mr. Shrader, lives there. He stated that staff feel this is a serious violation when the discharge went directly into the stream.

APPOINTMENT - JANE MC ALLISTER (Gordon Sevig Referral)

Jane McAllister, Attorney for Gordon Sevig, addressed the Commission stating that Mr. Sevig is here today because he understands the serious nature of this case. Mrs. McAllister explained that since she has been informed by the Attorney General's Office that a criminal investigation is already ongoing in this matter, she has advised Mr. Sevig not to make a statement today. She stated that, basically, the one issue here is that someone took an action to put a hose from a sewage lagoon into a tile line, and the question is - who did it? She noted that Mr. Sevig owns the land and part of the hogs that are confined in the

area, but he does not operate the facility. His full time operator and manager of the facility is Mr. Shrader, who is Mr. Sevig's son-in-law. Mrs. McAllister stated that Mr. Sevig had no knowledge that the hose had been connected to discharge into the tile line. She added that Mr. Sevig is on the property several times a week, but is not in the area of the lagoon and would have had no reason to have seen the hose connected or operating. She noted that after the inspection Mr. Sevig personally disconnected the line. She expanded on factual information regarding pipe size and the type of discharge coming from the pipe. She pointed out that in the area where the samples were taken there is another piece of property where the creek flows through and hogs (owned by neighbors) are allowed to roam freely. Mrs. McAllister also discussed policy issues relating to the purpose of criminal law. She asked the Commission not to refer this case.

William Ehm asked if Mr. Sevig has a written agreement with Mr. Shrader for management of the facility.

Mrs. McAllister replied that it is a verbal working relationship involving only the livestock on the farm. The hogs are jointly owned by Mr. Sevig and Mr. Shrader, with Mr. Sevig owning two-thirds of them.

Mr. Murphy commented that there appears to be factual disputes in this case and possibly some legal questions about who is liable, but as far as referral of the matter there is no question, and these disputes can be resolved by the Attorney General's Office. He added that the department was only recently made aware of Mr. Sevig's contention that Mr. Shrader was responsible and up until now it appeared to staff that Mr. Sevig was accepting responsibility.

Motion was made by Margaret Prahl for referral to the Attorney General's Office with the stipulation that the son-in-law's name be added to the alleged violations in the referral. Seconded by Gary Priebe. Motion carried unanimously.

Albert Schultz/Iowa Iron Works, Inc.

Mike Murphy stated that staff investigated an open dump complaint from the Linn County sanitarian in May 1989. The complaint was in regards to open dumping on the Schultz property which is owned by Albert Schultz and his wife. The investigation disclosed that Iowa Iron Works had been disposing of foundry sand at this location, which was an old gravel pit. Additionally, Iowa Iron Works had used some of their equipment to help cover the waste with its foundry sand. Mr. Murphy stated that the magnitude of this dump is mind-boggling. He noted that the inspector tried to talk to Mr. Schultz as well as to serve an investigation report to him, and he would not accept it. He also would not accept mail or personal delivery and the department therefore anticipated there would be no cooperation in getting the area cleaned up. Mr. Murphy stated that referral is being sought for

appropriate legal proceedings. Mr. Murphy commented that Iowa Iron Works has expressed a measure of cooperation so far, but referral is sought to insure that cooperation continues, rather than for punitive action.

APPOINTMENT - KEVIN SHEA (Albert Schultz/Iowa Iron Works, Inc.)

Kevin Shea, Attorney representing Albert Schultz, gave a background on Mr. Schlutz stating that he is 81 years old, lives alone, and has always had a concern for the area and the environment. Mr. Schultz had wanted to fill in the hole for a long time, and he let people dump there but he had set rules that nothing would be put in the hole that would damage the environment. Mr. Shea stated that because of Mr. Schultz age he could not police the area and locals have been dumping all kinds of things there. Mr. Shea noted that Mr. Schultz has been working with Iowa Iron Works to get the area cleaned up. Mr. Shea noted that Mr. Schultz is not a man of great means and referral would be counterproductive.

Nancylee Siebenmann asked why Mr. Schultz returned the letters marked "refused."

Mr. Shea responded that he would not try to explain Mr. Schultz attitudes and opinions, but that he feels Mr. Schultz attitude is changing and he is realizing everyones concern that it is not a case of trying to single him out. In conclusion, Mr. Shea stated that he feels the department can work with Mr. Schultz and he should be given further opportunity to try to work the matter out under the administrative law.

Rozanne King asked if the hole was already on the land when Mr. Schultz purchased the land.

Mr. Schultz daughter stated that after her dad purchased the land, Martin-Marietta agreed to pay him a certain amount per load for the sand, and then they sold it to the county. Martin-Marietta never paid Mr. Schultz for the sand so her dad told them they could not take anymore sand. She related that her dad had a contract with Martin-Marietta in which they agreed to fill in the hole after removing the sand. She added that Martin-Marietta would not fill in the hole since her dad told them they could not take anymore sand out. She stated that subsequently, Iowa Steel said that they would fill up the hole and cover it with topsoil and they never did it either. She related that there was a written contract but her dad does not know where it is.

Mike Murphy stated that there may be some liability with Martin-Marietta. Also, a number of individuals have been dumping

there and if anyone can be identified they would also be included in liability.

Mr. Murphy stated that in relating back to the cooperation issue, the only correspondence accepted by Mr. Schultz was through the sheriff's office with personal delivery. Mr. Murphy pointed out that referral to the Attorney General does not preclude the possibility of negotiated settlement. The Attorney General's Office can develop more facts about this case and the responsibilities of other parties.

Motion was made by Mike Earley for referral to the Attorney General's Office. Seconded by Rozanne King. Motion carried unanimously.

Lehigh Clay Products, et al.

Mr. Murphy briefed the Commission on the history of this case. He stated that this case was brought before the Commission two months ago, and the Commission delayed the case for 60 days to allow Mr. McHose time to buy some equipment so he could do the required work. Mr. Murphy stated that Mark Landa of the DNR's legal staff spoke with Mr. McHose three weeks ago and reminded him of the meeting today, and since then staff has not heard from him.

Motion was made by Gary Priebe for referral to the Attorney General's Office. Seconded by Margaret Prah. Motion carried unanimously.

Land O'Lakes

Mr. Murphy briefed the Commission on the history of this case.

Motion was made by Margaret Prah for referral to the Attorney General's Office. Seconded by Rozanne King. Motion carried unanimously.

Milo Chalfant, et al.

Mr. Murphy briefed the Commission on the history of this case. He stated that referral is sought to collect penalties and require cleanup of the dump.

Motion was made by Margaret Prah for referral to the Attorney General's Office. Seconded by Mike Earley. Motion carried unanimously.

City of Graf

Mr. Murphy stated that the city has paid a settlement amount, therefore the referral is withdrawn.

Bell Watchers, Inc.

Mr. Murphy briefed the Commission on the history of this case involving inadequate wastewater treatment and monitoring of the system. He noted that there had been two Administrative Orders issued in the past and it appeared for awhile that compliance was being achieved. Problems later developed and effluent quality is exceptionally poor at this time, and they have failed to follow through with the necessary improvements.

Motion was made by William Ehm for referral to the Attorney General's Office. Seconded by Margaret Prah. Motion carried unanimously.

PROPOSED RULE--CHAPTER 39 REVISIONS, REQUIREMENTS FOR PROPERLY PLUGGING ABANDONED WELLS

Allan Stokes, Division Administrator, Environmental Protection Division, presented the following item.

The Commission is requested to approve publication of the Notice of Intended Action for hearings to be held December 11, 12, and 13, 1989 at Cedar Rapids, Denison and Des Moines. The proposed rules describe the method for plugging abandoned wells and implement Senate File 441 that passed earlier this year. The proposed changes are;

- There shall be Class 1, Class 2 and Class 3 wells, as defined in the bill. The original categories of wells based on safety, contamination and all other wells are eliminated.
- The owner may plug any type of well subject to review and confirmation by a designated agent of the county or a registered well contractor. The owner must submit a notarized affidavit that the well has been properly plugged. The affidavit must be recorded with the county recorder and a copy sent to the Department.
- Well plugging deadlines proposed to be adopted are July 1, 1995 for Class 1 wells; July 1, 2000 for Class 2 and Class 3 wells; and July 1, 1993 for wells located within given distances from sources of contamination.

The proposed rules contain information on requirements for sealing materials, filling materials and procedures for properly plugging various types of wells. Requirements for standby wells are presented, along with provisions for variances from the rules.

(Rule is shown on the following 7 pages)

ENVIRONMENTAL PROTECTION COMMISSION [567]
Notice of Intended Action

Pursuant to the authority of 1989 Iowa Code section 455B.190, as amended by 1989 Iowa Acts, Senate File 441, the Environmental Protection Commission intends to rescind and replace Chapter 39, "Requirements for Properly Plugging Abandoned Wells."

Existing Chapter 39 was designed to implement Iowa Code section 455B.190, which requires that all abandoned wells be properly plugged in accordance with a closure program implemented by the Department of Natural Resources. However, due to substantial legislative amendments to this code section by 1989 Iowa Acts, Senate File 441, it is necessary to promulgate a new Chapter 39.

Any interested person may file written comments or suggestions on the proposed rules through _____. Such written materials should be directed to Wayne Reed, Iowa Department of Natural Resources, Wallace State Office Building, 900 East Grand, Des Moines, Iowa 50319-0034. Persons are also invited to present oral or written comments at public hearings which will be held on _____ at 10:00 a.m. at the Kirkwood Community College, in the Auto/Collision Building, Cedar Rapids, Iowa; on _____ at 10:00 a.m. in the Denison Community Room, 111 North Main Street (adjacent to City Hall), Denison, Iowa; and on _____ at 10:00 a.m. at the Wallace State Office Building in the fifth floor east conference room, 900 East Grand Avenue, Des Moines, Iowa.

Copies of the proposed rules may be obtained from the Records Section, Iowa Department of Natural Resources, Wallace State Office Building, 900 East Grand, Des Moines, Iowa 50319-0034.

In accordance with Iowa Code section 17A.31, notice is hereby given that these rules may have an impact on small business.

These rules are intended to implement Iowa Code section 455B.190, as amended by 1989 Iowa Acts, Senate File 441.

ITEM 1. Rescind 567-Chapter 39 and replace with the following:

Chapter 39

Requirements For Properly Plugging Abandoned Wells

567--39.1(455B) Purpose. The purpose of this chapter is to implement Iowa Code section 455B.190 by providing a schedule and required procedures for the proper plugging of abandoned wells to protect the groundwater by permanently sealing off contamination to individual aquifers.

567--39.2(455B) Applicability. These rules govern the proper plugging of all abandoned wells. For additional guidance and background information, refer to "Guidelines for Plugging Abandoned Water Wells," Technical Information Series 15, Geological Survey Bureau, Iowa Department of Natural Resources, 1987.

567--39.3(455B) Definitions.

"Abandoned well" means a water well which is no longer in use or which is in such a state of disrepair that continued use for the purpose of accessing water is unsafe or impractical.

"Agricultural lime" means all calcium and magnesium products sold for agricultural purposes in the oxide, hydrate, or carbonate form.

"Approved" means accepted or acceptable under an applicable specification stated or cited in these rules.

"Aquifer" means a water-bearing geologic formation capable of yielding a usable quantity of water to a well or spring.

"Bentonite" means a naturally occurring highly plastic, colloidal clay composed largely of the mineral montmorillonite which expands upon wetting.

"Bentonite grout (or slurry)" means a mixture of 10 percent processed bentonite (by weight) and water which is free of contaminants, turbidity and settleable solids.

"Bentonite pellets" means a form of processed bentonite which can be used directly for sealing applications in well plugging operations.

"Bentonite products" means the forms of bentonite which can be used for sealing materials in wells, including graded bentonite, bentonite pellets and bentonite grout.

"Casing" means a tubular retaining structure installed in an excavated hole to maintain the well opening.

"Class 1 well" means a well one hundred feet or less in depth and eighteen inches or more in diameter.

"Class 2 well" means a well more than one hundred feet in depth or less than eighteen inches in diameter or a bedrock well. Bedrock wells include: (a) wells completed in a single confined aquifer; (b) wells completed in a single unconfined aquifer; and (c) wells completed in multiple aquifers.

"Class 3 well" means a sandpoint well or a well fifty feet or less in depth constructed by joining a screened drive point with lengths of pipe and driving the assembly into a shallow sand and gravel aquifer.

"Concrete" means a mixture of one sack (94 pounds) of portland cement, an equal amount by volume of sand and gravel or crushed stone and not more than six gallons of water which is free of contaminants, turbidity and settleable solids.

"Confined aquifer" means an aquifer in which the groundwater is under pressure greater than atmospheric pressure. The static water level in a well tapping a confined aquifer rises to a level above the top of the aquifer.

"Crushed stone" means Class A road stone (predominantly limestone) well graded with six to sixteen percent fines which will pass a 200 sieve.

"Department" means the department of natural resources created under Iowa Code section 455A.2.

"Designated agent" means a person other than the state, designated by a county board of supervisors to review and confirm that a well has been properly plugged.

"Director" means the director of the department.

"Filling materials" means agricultural lime, soil, sand, gravel, crushed stone and pea gravel used to occupy space between and below sealing materials in abandoned wells being plugged.

"Frost pit" means a sunken area located directly over or within four feet of a well and used to house the equipment for discharging water from a well into the water system.

"Graded bentonite" means bentonite which is crushed and sized for pouring and easy handling. Like processed bentonite, it swells when hydrated with water and will form a plastic, essentially impermeable mass.

"Gravel" means Class B stone screened from river sand or quarried, and of such size as will pass a two and one-half inch screen 100 percent and be retained 100 percent on a three-quarter inch screen.

"Groundwater" means any water beneath the surface of the earth.

"Grout" means, for the purposes of this chapter, a fluid mixture of cement and water (neat cement); sand, cement and water (sand cement grout); or bentonite and water (bentonite grout or slurry) of a consistency that can be forced through a pipe and placed as required.

"Limestone" means sedimentary rock which contains greater than 50 percent calcium carbonate and has a strong reaction with hydrochloric acid (HCl).

"Neat cement" means a mixture of one sack (94 pounds) of portland cement to not more than six gallons of water which is free from contaminants, turbidity or settleable solids. Bentonite up to 2 percent by weight of cement may be added to reduce shrinkage.

"Owner" means the titleholder of the land where an abandoned well is located.

"Pea gravel" means gravel sized from one-eighth inch to three-eighths inch in diameter.

"Plug" means the closure of an abandoned well with plugging materials by procedures which will permanently seal the well from contamination by surface drainage and permanently seal off the well from contamination into an aquifer. This involves the proper application of filling and sealing materials.

"Processed bentonite" means bentonite which has been kiln dried and processed into pellets for direct use in well sealing applications or into powder or coarse granules for use in bentonite grout for sealing.

"Registered water well contractor" means a water well contractor registered with the department in accordance with section 567--Chapter 37.

"Sand" means clean, medium-textured quartz (concrete sand) and shall be at least 25 percent with diameters between 2.0 and 0.25 mm, less than 35 percent with diameters between 0.25 and 0.05 mm and less than five percent with diameters between 0.002 and .05 mm.

"Sandpoint well" means a small diameter water well constructed by joining a screened drive point with lengths of pipe and driving the assembly into a shallow sand and gravel aquifer.

"Sand cement grout" means a mixture of one sack (94 pounds) of portland cement, an equal amount by volume of sand and not more than six gallons of water which is free from contaminants, turbidity and settleable solids.

"Sealing" means the proper placement of sealing materials into an abandoned well to seal off flow into, out of or between aquifers.

"Sealing materials" means bentonite products. Sealing materials may also include neat cement, sand cement grout and concrete.

"Standby well" means a water well which is temporarily taken out of service with the expectation of being returned to service at a future date.

"Static water level" means the water level in a water well or aquifer when the well is not flowing or being pumped; sometimes referred to as the water line.

"Tremie pipe" means a device, usually a small diameter pipe, that carries grouting materials to the bottom of the hole and which allows pressure grouting from the bottom up without introduction of air pockets.

"Unconfined aquifer" means an aquifer in which the static water level does not rise above the top of the aquifer, i.e., the pressure of the water in the aquifer is approximately equal to that of the atmosphere.

"Water well" means an excavation that is drilled, cored, bored, augered, washed, driven, dug, jetted or otherwise constructed for accessing groundwater.

567--39.4(455B) Forms. The following form is currently in use: Certification of Well Plugging. 542-1226.

567--39.5(455B) Abandoned well plugging schedule.

39.5(1) Class 1 wells. Wells abandoned prior to the effective date of this rule must be properly plugged by July 1, 1995.

39.5(2) Class 2 wells. Wells abandoned prior to the effective date of this rule must be properly plugged by July 1, 2000.

39.5(3) Class 3 wells. Wells abandoned prior to the effective date of this rule must be properly plugged by July 1, 2000.

39.5(4) Contamination sources. All classes of wells abandoned prior to the effective date of this rule and located less than 200 feet from an active well supplying potable water or located less than 660 feet from a point source of potential contamination which may include but is not limited to industrial waste sites; uncontrolled hazardous waste sites; petroleum storage areas; hazardous waste treatment, storage, or disposal areas; agricultural chemical storage areas; animal feedlots; and wastewater treatment facilities, must be properly plugged by July 1, 1995.

39.5(5) Wells abandoned after the effective date of the rule. All classes of wells which are abandoned on or after the effective date of this rule must be properly plugged within 90 days of the date of abandonment.

567--39.6(455B) Abandoned well owner responsibilities.

39.6(1) Plugging requirements. The owner is responsible for insuring the abandoned well is plugged pursuant to this chapter.

39.6(2) Certification. It is the responsibility of the owner to certify, on DNR Form 542-1226 "Certification of Well Plugging", that an abandoned well has been plugged in accordance with the requirements and time schedule contained in this chapter. This certification includes but is not limited to the review and confirmation by the designated agent for the county or a registered water well contractor. DNR form number 542-1226 shall be completed and submitted to the department within 30 calendar days of the date the plugging was completed.

567--39.7(455B) Abandoned well plugging materials.

39.7(1) Sealing materials. Approved sealing materials are bentonite products (graded bentonite, bentonite pellets and bentonite grout), neat cement, sand cement grout and concrete.

39.7(2) Filling materials. Approved filling materials include agricultural lime, soil, sand, pea gravel, gravel and crushed stone. The filling materials shall be free of debris, foreign matter and any toxic or agricultural chemical residue. Filling materials are not required for well plugging.

567--39.8(455B) Abandoned well plugging procedures.

39.8(1) Freedom from obstructions. Abandoned wells must be checked before they are plugged in order to ensure there are no obstructions that may interfere with plugging operations. Drop pipes, check valves, pumps, and other obstructions shall be removed if practical.

39.8(2) Class 1 wells. These wells may be plugged by pouring filling and sealing materials from the top of the well or by using tremie pipes, except for sand cement grout or concrete placed below the static water level, which must be placed by tremie pipe or dump bailer.

Filling materials of sand, gravel, crushed stone, pea gravel or agricultural lime shall be placed up to one foot below the static water level; soils are not permitted below the static water level due to naturally occurring bacteriological, organic and inorganic contaminants. A minimum of one foot of bentonite pellets, graded bentonite or neat cement shall be placed on top of

the filling material up to the static water level as a seal. Sand cement grout or concrete applied with a tremie pipe or dump bailer also may be used on top of the filling material up to the static water level and in standing water above the static water level to act as a seal. Filling material may then be added up to four feet below the ground surface.

It is preferable that the filling materials be omitted and that sealing materials be used to fill the entire well up to four feet below the ground surface. Sand cement grout or concrete shall be placed with a tremie pipe or dump bailer when used below the static water level.

The casing pipe and any curbing, frost pit or pump house structure shall be removed to a depth of four feet below the ground surface and shall be capped by a minimum of one foot of bentonite pellets, graded bentonite, neat cement, sand cement grout or concrete. The cap shall extend six or more inches beyond the outside diameter of the top of the remaining well casing and shall terminate three feet below the ground surface. The remaining three feet (below the ground surface) shall then be backfilled with soil and graded so that surface water is directed away from the abandoned well location.

39.8(3) Class 2 wells other than bedrock wells. Filling material consisting of sand, gravel, crushed stone or pea gravel shall be placed in the bottom of the well up to four feet below the static water level. A minimum of four feet of sealing materials consisting of any bentonite products or neat cement shall be added above the filling material up to the original static water level. If bentonite grout or neat cement is used, it shall be placed by tremie pipe. If graded bentonite or bentonite pellets are used, they may be added by pouring in place and agitating to avoid bridging. Sealing materials shall be added above the static water level up to four feet below the ground surface. If bentonite grout is used from the static water level to the top of the well, it should be capped by neat cement, sand cement grout or concrete terminating four feet below the ground surface. It is preferable that the filling materials be omitted and that sealing materials be used to fill the entire well up to four feet below the ground surface.

Casing pipe and any curbing, frost pit or pump house structure shall be removed to a depth of four feet below the ground surface. The remaining four feet shall then be backfilled with soil and graded so that surface water is directed away from the abandoned well location.

39.8(4) Class 2 bedrock wells. If the details of well construction are unknown, the well shall be tremied full of neat cement or bentonite grout up to four feet below the ground surface. If bentonite grout is used from the static water level to the top of the well, it should be capped by neat cement, sand cement grout or concrete terminating four feet below the ground surface.

The casing pipe and any curbing, frost pit or pump house structure shall be removed to a depth of four feet below the ground surface. The remaining four feet shall then be backfilled with soil and the surface shall then be graded to divert water away from the abandoned well location.

a. Bedrock wells completed in a single confined aquifer. Before proceeding to plug the well, a bridge plug or packer shall be placed at or below the bottom of the casing to stop the flow of water where the pressure in the confined aquifer causes the water to flow from the well to the surface. In such cases, filling materials shall be placed in the lower portion of the well before the bridge plug or packer is set.

Filling material consisting of pea gravel, crushed stone or gravel shall be placed from the bottom of the well up to ten feet below the bottom of the casing or confining layer, whichever is lower. Sealing materials consisting of any bentonite products, sand cement grout or neat cement shall be placed

from the top of the filling material to at least ten feet above the bottom of the casing or confining layer or to the static water level, whichever is higher. If bentonite grout, neat cement or sand cement grout is used, it shall be placed by tremie pipe. If bentonite pellets or graded bentonite are used, they shall be added by pouring in place and agitating to avoid bridging. The casing shall then be filled up to four feet below the ground surface with sealing materials. If bentonite grout is used from the static water level to the top of the well, it should be capped by neat cement, sand cement grout or concrete terminating four feet below the ground surface.

It is preferable that the filling materials be omitted and that approved sealing materials be used to fill the entire well up to four feet below the ground surface.

The casing pipe and any curbing, frost pit or pump house structure shall be removed to a depth of four feet below the ground surface. The remaining four feet shall then be backfilled with soil and graded so that surface water is directed away from the abandoned well location.

b. Bedrock wells completed in a single unconfined aquifer. The plugging procedure for these wells is the same as for bedrock wells completed in a single confined aquifer except that a bridge plug or packer is not required to stop the flow of water since this problem will not exist in this type of well.

c. Bedrock wells completed in multiple aquifers. For the lowest aquifer, filling material consisting of pea gravel, crushed stone or gravel shall be placed from the bottom of the well up to ten feet below the bottom of the casing or confining layer, whichever is lower. Neat cement tremied in place shall then be placed as a sealing material on top of the fill and extend upward at least twenty feet. Sealing materials shall then be placed in at least the top ten feet of each subsequent aquifer and extend at least ten feet into the confining layer or casing above. The same type of filling materials and sealing procedures shall apply for each subsequent aquifer. Filling material may be placed from the top of the uppermost aquifer seal up to the static water level of the well. The casing shall then be filled with approved sealing or filling materials to four feet below the ground surface. If bentonite grout is used from the static water level to the top of the well, it should be capped by neat cement, sand cement grout, or concrete terminating four feet below the ground surface.

It is preferable that the filling materials be omitted and approved sealing materials be used to fill the entire well up to four feet below the ground surface. Sand cement grout or concrete shall be applied with a tremie line or dump bailer when applied below the static water level.

The casing pipe and any curbing, frost pit or pump house structure shall be removed to a depth of four feet below the ground surface. The remaining four feet shall then be backfilled with soil and graded so that surface water is directed away from the abandoned well location.

39.8(5) Class 3 wells. The preferred method of plugging a sandpoint well is to pull the casing and sandpoint out of the ground, allowing the hole to collapse and fill. If the sandpoint and casing cannot be extracted, they shall be tremied full of neat cement or completely sealed with bentonite products.

The casing pipe and any curbing, frost pit or pump house structure shall be removed to a depth of four feet below the ground surface. The remaining four feet shall then be backfilled with soil and graded so that surface water is directed away from the abandoned well location.

567--39.9(455B) Designated agent. A county's board of supervisors shall appoint an individual to be responsible to review and confirm an abandoned well to be properly plugged as required by 567--39.7 and authorized by 455B.190.5. The designation is effective upon notification to the department by the chairperson of the board of supervisors. This notification will include the identity of the designated agent and the length of appointment. Changes in a designated agent will require new notification by the chairperson to the department.

567--39.10(455B) Designation of standby wells.

39.10(1) Standby wells. A standby well must be disinfected prior to being taken out of use for a long period of time and must be disinfected and, as a minimum, checked for bacteria and nitrates when placed back in service. Disinfection of standby wells shall be done in accordance with AWWA (American Water Works Association) Standard A100. The well must not be subject to contamination by surface drainage or from other causes, and the well casing must be provided with an air-tight cover when the well is not in use.

39.10(2) Caveat. Nothing in these rules shall be construed as exempting public water supply wells from requirements set forth in the environmental protection commission rules, 567--Iowa Administrative Code.

567--39.11(455B) Variances. In accordance with Iowa Code section 455B.181, a variance to these rules may be granted by the department provided sufficient information is submitted in writing to the department to substantiate the need for a variance and to assure the protection of all aquifers penetrated by the affected well. When satisfactory justification has been submitted to the director substantially demonstrating that a variance to these rules will result in equivalent effectiveness or improved effectiveness, a variance to these rules may be granted by the director. A denial of a variance may be appealed to the environmental protection commission pursuant to 567--Chapter 7.

These rules are intended to implement Iowa Code section 455B.190, as amended by 1989 Iowa Acts, Senate File 441.

Date

Larry J. Wilson, Director

(A:EP39.MIN/243-89)

Mr. Stokes explained the proposed rules and pointed out the changes required by law.

Mike Earley asked if the rules require a formal recording that a well has been plugged at the time it is done.

Mr. Stokes replied that it is not included, but staff can build that requirement into the rules.

Margaret Prah1 stated that in regards to 39.5(4), the deadline date of July 1, 1995 seems like a long time if there is an infraction to the environment. She added that she would like to see that date changed to July 1, 1993.

Margaret Prah1 commented that she is concerned about the kind of discretion the variance language on page 7, under 567--39.11(455B), gives the department. Discussion followed regarding the language covering variances under 455B.

Mr. Stokes stated that a discussion item will be brought before the Commission to review the pros and cons of the variance language.

This was an informational item; no action was required.

PROPOSED RULE--CHAPTER 22, UPDATE IN AIR QUALITY RULES

Allan Stokes, Division Administrator, Environmental Protection Division, presented the following item.

The Commission is requested to approve the attached rule for public hearing.

The current air quality rules specify the EPA procedures document which applicants are to follow in performing the dispersion modeling which they must submit to demonstrate that their proposed emissions do not cause environmental problems.

This rulemaking will update the reference to conform with current EPA procedures.

(Rule is shown on the following page)

ENVIRONMENTAL PROTECTION COMMISSION
Notice of Intended Action

Pursuant to Iowa Code Section 455B.133, the Environmental Protection Commission gives Notice of Intended Action to amend Chapter 22, "Controlling Pollution", Iowa Administrative Code.

This amendment pertains to the adoption of the most recent revisions to the EPA technical document "Guideline on Air Quality Models". This rule pertains to the procedures for modeling the effects of air emissions from major stationary sources proposed to be constructed or modified which are located in areas designated attainment or unclassified.

Any person interested in receiving a copy of the federal guidelines proposed to be adopted by reference, may contact the Department of Natural Resources. Copies are available upon request from the Department for the cost of reproduction.

Any interested party may file a written statement of position on the subject covered by the proposed rule no later than _____, 1989. These written statements should be directed to the Director of the Department of Natural Resources, 900 East Grand Avenue, Des Moines, Iowa 50319-0034.

Persons or organizations are also invited to present oral or written comments at public hearings on this proposed amendment which will be held at the following times and places:

0:00 AM, _____, 1989, Wallace State Office Building, Fourth Floor Conference Room, 900 East Grand Avenue, Des Moines, Iowa;

0:00 AM _____, 1989, Auditorium, University of Iowa, Oakdale Campus, Oakdale Hall, Oakdale, Iowa, (Exit 240, I-80 to Hiway 965);

0:00 AM _____, 1989, Atlantic Municipal Utilities Bldg, Conference Room, 15 West Third Street, Atlantic, Iowa

These rules are intended to implement Iowa Code section 455B.133.

Amend subrule 567--22.4(1) to read as follows:

567--22.4(1) Federal rules 40 C.F.R. 52.21(a) (Plan Approval), 52.21(q) (Public Participation), 52.21(s) (Environmental Impact Statement), and 52.21(u) (Delegation of Authority), are not adopted by reference. Also, for the purposes of 40 C.F.R. 52.21(1), the department adopts the 1986 edition of EPA's document "Guideline on Air Quality Models (Revised) (EPA Publication 450/2-78-027R)" as amended by "Supplement A to the Guideline on Air Quality Models (Revised) (EPA Document EPA-450/2-78-027R, Supplement A, July 1987)".

Larry J. Wilson, Director

Date

Mr. Stokes explained the proposed update in the Air Quality Rules.

This was an informational item; no action was required.

PROPOSED RULE--CHAPTER 101 AMENDMENT, SOLID WASTE RULES ON FARMER EXEMPTIONS

The Commission will be provided draft copies of proposed amendments to state solid waste regulations, which would recognize certain exemptions for on-farm disposal of selected wastes. The Commission will be asked to approve a notice of intended action to solicit public comment on these proposed amendments at their October meeting.

(Rule is shown on the following 2 pages)

ENVIRONMENTAL PROTECTION COMMISSION [567]
Notice of Intended Action

Pursuant to Iowa Code section 455B.304, the Environmental Protection Commission proposes to adopt amendments to 567--Chapter 101, "General Requirements Relating to Solid Waste Disposal." The Commission proposes to adopt rules authorizing on-site disposal of certain farm wastes without a specific permit from the Department. Conditions for such disposal are prescribed. The proposed amendments also conform rule 101.3 with statutory amendments to Iowa Code Section 455B.307 in the last two years.

Any interested person may file with the director written comments on the proposed amendments through _____.

Interested persons may also provide oral comments at public hearings to be held in _____.

The following amendments are proposed:

ITEM 1. Amend rule 101.3(455B) is amended as follows:

567--101.3(455B). General conditions of solid waste disposal. Except as provided otherwise in Chapter 100 through 121, a private or public agency shall not dump or deposit or permit the dumping or depositing of any solid waste at any place other than a sanitary disposal project approved by the director, or pursuant to a permit granted by the department on land owned or leased by the agency. Any solid waste which may be disposed at a site other than a sanitary disposal project pursuant to Iowa Code Chapter 455B shall be disposed of as provided in this rule.

101.3(1) General prohibitions.

a. Open dumping is prohibited except for rubble.

~~101.3(2).~~ b. A public or private agency dumping or depositing solid waste shall do so in a manner that creates no public health hazard, nuisance or degradation of surface water or aquifers that are in actual or demand to be of potential use as a water resource.

ITEM 2. Further amend rule 101.3(455B), by adding a new subrule as follows:

101.3(2) Special requirements for farm waste, farm buildings, and dead animals. For the purposes of this subrule:

"Farm waste" means machinery, vehicles and equipment used in conjunction with crop production, livestock or poultry raising and feeding operations, but specifically does not include agricultural chemicals, fertilizers or manures, or domestic household wastes;

"Farm buildings" means barns, machine sheds, storage cribs, animal confinement buildings, and homes located on the premises and used in conjunction with crop production, livestock or poultry raising and feeding operations; and

"Farm animals" means cattle, swine, sheep or lambs, horses, turkeys and chickens.

a. A private agency may dispose of farm waste and farm buildings without first having obtained a sanitary disposal project permit, in accordance with paragraph "c", provided that:

(1) The farm waste was owned by the private agency and was used on the premises where disposal occurs.

(2) Prior to disposal of vehicles, machinery, and equipment all fluids must be drained, including motor oils, motor fuels, lubricating fluids, coolants

and solvents, agricultural chemicals and all batteries and rubber tires have been removed.

(3) Prior to disposal of storage or feeding equipment it shall be emptied of all contents.

(4) Farm buildings have been emptied of their contents and are buried on the premises where they were located.

(5) All materials drained or removed from farm waste or farm buildings prior to disposal shall be recycled, reused or disposed of in accordance with Iowa Code Chapter 455B and rules thereunder.

b. A private agency may dispose of dead farm animals without first having obtained a sanitary disposal project permit, provided that the disposal is in accordance with paragraph "c", rules of the Department of Agriculture and Land Stewardship, and:

(1) The dead animals result from operations located on the premises where disposal occurs.

(2) Only the carcasses of two of each animal species, including poultry, are disposed of each month, except that animals which die within two months of birth may be disposed of without regard to number.

c. Farm waste, farm buildings, and dead farm animals, must be disposed of in accordance with the following separation distances:

(1) At least 1,000 feet from any well which is being used or would be used without major renovation for domestic purposes.

(2) At least 50 feet from adjacent property line.

(3) At least 500 feet from existing habitable residence.

(4) More than 100 feet from any body of surface water such as a stream, lake, pond, or intermittent stream.

(5) Outside of the boundaries of a flood plain, wetland, or shoreline area.

(6) The waste is deposited at least five feet above the highest known water table and is immediately covered with a minimum of two feet of compacted soil and an additional two feet of soil for vegetation.

Date

Larry J. Wilson, Director

(A:EP101A.MIN/258-89)

Mr. Stokes explained the proposed rule. He stated this is an attempt to try to address the on-farm issue of waste disposal and to define farm waste, farm buildings, and farm animals.

This was an informational item; no action was required.

GENERAL DISCUSSION ITEMS

The Commission discussed future meeting times and dates. It was decided that the next meeting will be held in Iowa Falls, so that the Commission can tour a recycling facility in the area.

Beginning with the February 1990 meeting and continuing through the May 1990 meeting, the Commission will begin meetings at 10:00 a.m. with the Groundwater Cleanup Guidelines Work Plan sessions at the beginning of the meeting. The meeting will continue as late in the evening as the Commission desires, with the completion of the meeting late Monday evening or early Tuesday morning. The Commission will again review meeting times and dates at the June 1990 meeting.

Discussion took place regarding the possibility of incorporating the RCRA program into the legislation package. It was decided not to incorporate this into the legislation package, but to send an accompanying statement explaining why the Commission feel they do not want to request funding for this program.

In response to Nancy Lee Siebenmann's request to review the Landfill Alternative Grants program in regards to the hierarchy, James Combs distributed a copy of the code relating to same.

Director Wilson stated that to change the hierarchy criteria it would take a code change.

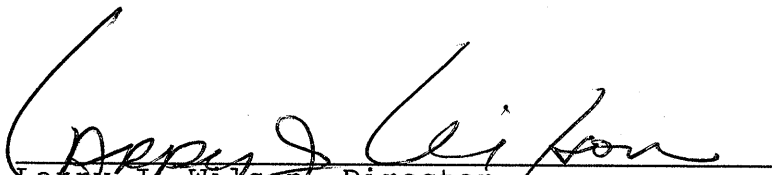
After discussion of the issue, it was decided to have Teresa Hay present a discussion item on this at the October meeting.


ADJOURNMENT

With no further business to come before the Environmental Protection Commission, Chairperson Mohr adjourned the meeting at 12:55 p.m., Tuesday, September 19, 1989.

September 1989

Environmental Protection Commission Minutes


Larry J. Wilson, Director


Nancy Lee Siebenmann, Secretary

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